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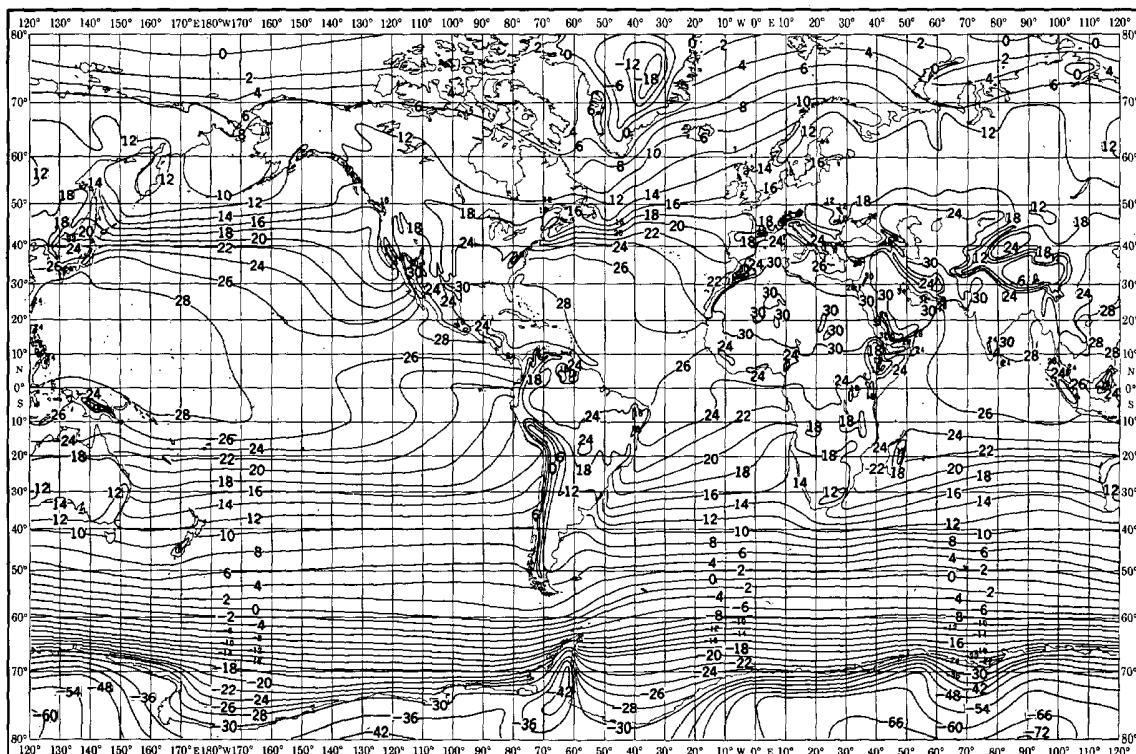
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MONTHLY CLIMATIC DATA FOR THE WORLD

PREPARED IN COOPERATION WITH THE
WORLD METEOROLOGICAL ORGANIZATION

AUGUST

SURFACE AIR TEMPERATURE (°C) - MEANS



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NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AND
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noaa

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL ENVIRONMENTAL SATELLITE, DATA AND INFORMATION SERVICE NATIONAL CLIMATIC DATA CENTER
ASHEVILLE, NORTH CAROLINA

PREFACE

Monthly Climatic Data for the World (MCDW) is a publication of monthly summary climatic data from around the world. Data are prepared by Members of the World Meteorological Organization (WMO) for selected stations and exchanged monthly via international telecommunications under provisions of the WMO Technical Regulations, WMO Publications No. 306 (Manual on Codes) and No. 386 (Manual on the Global Telecommunications System). Data used in MCDW are translated from CLIMAT, CLIMAT SHIP, CLIMAT TEMP and CLIMAT TEMP SHIP codes. WMO No. 9 (Weather Reporting), Vol. A - Stations indicates stations that report in these codes. MCDW is sponsored by the WMO in accordance with Resolution 27 of the Second World Meteorological Congress, 1955. Percent of average sunshine was authorized during the Fourth Session (Stockholm 1965) of the WMO Commission for Climatology and recorded in the General Summary of the Report - WMO NO.177.RP.65. It is published by the United States National Oceanic and Atmospheric Administration.

REFERENCE NOTES

Names of countries (areas) and stations are those used in WMO Publication No. 9, Vol. A - Stations, except that long names may be shortened. Only those stations authorized as contributors by the WMO in VOLUME A are published. "Means" and "totals" mentioned below are monthly summary means and totals. Units abbreviations: celsius = C, degrees = °, geopotential meters = gpm, meters = m, millibars (hectopascals) = mb, millimeters = mm, minutes = ', percent = %.

The long term surface data AVERAGES required for these tables were calculated for 1951 - 1980 from data received at the National Climatic Data Center during those years. Six years of data were considered to be the minimum for calculations.

Departures are differences between data and the AVERAGES for that month. Precipitation departure of "T" or "-T" indicates a difference less than 0.5 mm from AVERAGE.

Provisional upper air normals, although not published in this bulletin, can be obtained from WMO Pub. No. 170. A description of procedures used by Members appeared in Monthly Climatic Data for the World, 1967 Supplement -- computation of CLIMAT TEMP values.

Late reports and corrections are published when received, except that data more than five years old are not published. The Corrections sections include corrections to past data. In these, "D" indicates the data should be deleted. Some late reports of pre-1987 data appeared in the Corrections sections during the 1987 Data Year.

The data received by the publisher often contain errors. A reasonable effort is made to correct errors; but some may appear in the publication, especially if the errors are subtle or were part of a large group of errors.

The station list appears at the back of the publication. In January and July, all CLIMAT (C) and CLIMAT TEMP (T) stations from WMO Pub. No. 9, Vol. A are listed. This is the complete published station set. In other months, the list contains only those stations from which data no more than two months old have been recently received.

Included in this publication, on an interim basis, are a group of Antarctic and USA stations that are not in WMO No. 9. These stations will be sponsored as CLIMATE and/or CLIMAT TEMP stations in the near future.

SURFACE DATA TABLES

DAYS OBS.: The number of days on which observations were taken. Column will be blank if days are not reported.
PRESSURE: Mean station pressure at station level and sea level in tenths of mb. In the sea level pressure column, Y or Z indicates the number is the mean height in gpm of the 850 mb or 700 mb pressure surface, respectively.
TEMPERATURE: Mean temperature and departure from AVERAGE value in degrees C. "S" indicates sea surface temperature.
DAYS 1 MM: The number of days on which precipitation was 1 mm or more.
PRECIPITATION: Total precipitation and departure from AVERAGE in mm. "T" indicates an amount less than 0.5 mm.
QUINTILE: Frequency group of precipitation totals. Group numbers are 0 - 6. Groups 0 and 6 are for totals less than and greater than any recorded in the 1951 - 1980 reference period.
% OF AV.: Sunshine total hours expressed as a percentage of long-term average. Currently, average period is 1931-60.

In January 1987, the "Sunshine" column was changed to include both total sunshine in hours and the percentage of long-term average.

UPPER AIR DATA TABLES

HEIGHT: Mean height of pressure surfaces in gpm. Asterisk (*) indicates station elevation.
VECTOR WIND: Direction of mean vector wind in degrees, speed in mps. A wind speed value of 0 is a speed < 0.5 mps.
When missing days equals 9, nine or more days of wind data are missing.
STEADINESS: Ratio of mean vector wind speed to mean scalar wind speed.
OB: Observation time code: 1 = 0000 GMT, 2 = 1200 GMT, 3 = 0000 and 1200 GMT, / = other hours.

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PUBLICATION STAFF

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EUROPE-NORWAY

SURFACE

AUGUST 1990

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	MEAN	DEPARTURE	TOTAL	% OF AV.	
EUROPE															
NORWAY															
01001 JAN MAYEN	7056N	00840W	9	1005.8	1006.9	7.1	2.1	9.5	2.2	18	84	18	4		
01008 SVALBARD LUFTHAVN	7815N	01528E	29	1010.2	1013.7	5.6	-	6.1	-	1	16				
01025 TROMSO/LANGNES	6941N	01855E	10	1010.1	1011.2	12.7	1.8	12.5	2.5	14	70	-7	3		
01028 BJORNØYA	7431N	01901E	14	1010.7	1012.4	5.1	0.6	8.5	0.8	4	38	-2	3		
01098 VARDO	7022N	03106E	15	1011.6	1013.3	10.9	1.7	11.9	1.8	8	80	29	5		
01152 BODO VI	6716N	01422E	13	1009.3	1010.8	12.8	0.2	12.5	1.4	18	151	69	5		
01241 ORLAND III	6342N	00936E	7	1010.4	1011.5	13.8	0.7	14.1	1.6	14	121	48	5		
01317 BERGEN/FLORIDA	6023N	00520E	36	1008.2	1012.4	14.7	-	13.6	-	19	201		4		
01384 OSLO/GARDERMOEN	6012N	01105E	204	988.4	1012.3	15.1	1.2	12.5	0.8	8	77	-21	2		
01415 STAVANGER/SOLA	5853N	00538E	9	1012.3	1013.3	15.0	0.4	14.2	1.3	16	123	10	4		
SWEDEN															
02080 KARESUANDO	6827N	02230E	327	972.7	1011.4	12.0	1.2	11.0	0.9	13	67	6	4		
02128 GUNNARN	6501N	01741E	281	978.8	1012.0	13.4	-	12.2	-	10	43		2		
02196 HAPARANDA	6550N	02409E	6	1011.3	1012.1	14.4	0.8	13.2	1.0	14	98	36	5		
02226 OSTERSUND/FROSÖN	6311N	01430E	366	969.1	1012.5	13.3	0.5	10.5	-0.4	9	59	-4	3		
02361 HARNOSAND	6238N	01757E	8	1011.2	1012.4	15.3	0.7	13.7	0.7	6	36	-45	1		
02418 KARLSTAD FLYGPLATS	5922N	01328E	55	1006.7	1013.3	15.7	0.3	14.8	1.8	7	35	-47	1		
02464 STOCKHOLM/BROMMA	5921N	01757E	11	1012.3	1013.7	16.6	0.4	14.8	1.3	7	34	-37	1		
02512 GOTEBORG/SAVE	5747N	01153E	53	1008.1	1014.4	16.2	0.0	13.2	-0.4	10	78	-4	3		
02550 JONKOPING FLYGPLATS	5746N	01405E	232	987.3	1014.6	15.5	0.6	13.6	0.4	10	57	-12	2		
02590 VISBY FLYGPLATS	5740N	01821E	47	1009.2	1014.8	16.8	0.7	15.4	0.9	6	18	-34	1		
FINLAND															
02801 KILPISJÄRVI	6903N	02047E	476	955.6	1011.7	11.1	-	10.6	-	8	33		1		
02805 KEVO	6945N	02702E	101	1001.1	1013.2	11.3	-	10.3	-	6	34		1		
02836 SODANKYLA	6722N	02639E	179	991.3	1012.7	12.0	0.3	11.2	1.1	13	78	19	4		
02869 KUUSAMO	6558N	02911E	263	982.2	1013.5	11.8	-0.2	11.4	-	14	43	-20	1		
02875 OULU	6456N	02522E	15	1010.6	1012.4	14.9	0.8	13.4	-	12	64	7	3		
02897 KAJAANI	6417N	02741E	136	996.6	1012.8	13.7	0.1	13.3	1.5	14	132	53	5		
02911 VAASA	6303N	02146E	4	1011.2	1012.2	15.2	1.0	14.0	1.5	8	76	3	3		
02929 JOENSUU	6240N	02938E	117	998.9	1012.9	14.6	0.1	12.1	-	9	49	-35	1		
02935 JYVÄSKYLA	6224N	02541E	145	995.5	1012.8	14.2	0.2	13.6	1.2	11	137	50	4		
02942 NIINISALO	6151N	02228E	136	996.9	1013.0	14.8	-	13.2	-	9	62		2		
02958 LAPPEENRANTA	6105N	02809E	106	1000.4	1013.0	15.7	0.8	13.0	-	6	36	-51	0	118	
02963 JOKIOINEN	6049N	02330E	103	1000.9	1013.2	15.0	0.7	13.1	0.3	11	89	12	4		
02972 TURKU	6031N	02216E	59	1006.4	1013.4	16.3	1.0	13.6	0.5	9	92	11	4		
02974 HELSINKI-VANTAA	6019N	02458E	56	1006.6	1013.3	15.7	0.2	13.6	0.3	10	39	-37	2		
UNITED KINGDOM															
03005 LERWICK	6008N	00111W	84	1001.5	1011.3	12.5	0.8	12.8	0.4	16	120	46	5	113	97
03026 STORNOWAY	5813N	00619W	13	1010.3	1012.1	13.5	0.8	12.9	-0.2	18	85	11	4	96	72
03091 ABERDEEN/DYCE	5712N	00213W	65	1005.4	1013.0	15.5	2.1	13.3	0.3	11	47	-33	1	162	110
03100 TIREE	5630N	00653W	12	1012.7	1013.7	13.9	0.4	13.8	0.1	21	110	27	5	131	80
03160 EDINBURGH AIRPORT	5557N	00321W	41	1010.2	1014.5	15.8	1.6	13.4	0.3	5	36	-38	1	138	105
03162 ESKDALEMUIR	5519N	00312W	242	986.6	1015.4	14.1	1.3	13.9	1.3	19	99	-23	2	113	88
03257 LEEMING	5418N	00132W	40	1012.5	1016.4	17.9	2.5	14.3	0.8	7	75	9	4	192	
03302 VALLEY	5315N	00432W	11	1016.3	1017.7	17.2	1.9	15.5	1.5	7	47	-30	1	194	105
03334 MANCHESTER AIRPORT	5321N	00216W	78	1008.3	1017.3	17.6	2.0	14.6	1.0	10	71	-14	2	157	104
03377 WADDINGTON	5310N	00031W	70	1008.8	1017.2	18.6	3.0	13.9	-0.1	8	50	-16	2	250	150
03534 BIRMINGHAM/AIRPORT	5227N	00144W	99	1006.5	1018.2	18.5	3.1	13.7	0.2	6	32	-40	1	228	140
03715 CARDIFF-WALES AIRPORT	5124N	00321W	67	1011.4	1019.2	18.2	2.4	15.3	0.9	8	62	-16	2	226	
03776 LONDON/GATWICK AIRPORT	5109N	00111W	62	1011.9	1018.8	19.0	3.1	14.7	0.2	6	41	-16	2	279	
03827 PLYMOUTH/MOUNT BATTEN	5021N	00407W	27	1016.7	1020.0	17.9	2.0	16.3	1.1	6	41	-38	1	219	111
03862 BOURNEMOUTH AIRPORT	5047N	00150W	11	1018.1	1019.4	18.1	2.1	14.9	0.4	5	31	-30	1	267	
03917 BELFAST/ALDERGROVE AIRPORT	5439N	00613W	81	1007.7	1016.0	15.9	1.5	14.8	1.2	16	91	12	4	104	77
IRELAND															
03953 VALENTIA OBSERVATORY	5156N	01015W	14	1017.0	1018.6	16.2	1.2	15.9	1.3	14	80	-18	2	62	40
03955 CORK AIRPORT	5151N	00829W	162	999.4	1018.8	16.0	1.4	15.4	1.4	9	39	-48	1	157	
03962 SHANNON AIRPORT	5242N	00855W	20	1015.8	1018.2	17.0	1.7	15.3	1.1	14	68	-15	2	10	55
03969 DUBLIN AIRPORT	5326N	00615W	85	1006.9	1017.0	16.8	2.0	14.8	1.2	8	50	-25	2	141	90
03976 BELMULLET	5414N	01000W	10	1014.8	1016.0	15.3	1.1	15.1	1.0	17	74	-12	2	59	35
03980 MALIN HEAD	5522N	00720W	25	1011.8	1014.8	15.2	1.1	14.5	0.9	24	95	12	4	90	60

EUROPE-ICELAND

SURFACE

AUGUST 1990

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE			
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAY 1 MM	TOTAL	DEPARTURE	QUINTILE		
EUROPE	0°	0°	m	mb	mb	°C	°C	mb	mb	mm	mm	mm	mm	hr	%	
ICELAND																
04018 KEFLAVIK	6358N	02236W	54	998.6	1005.1	10.8	0.7	11.0	0.4	14	78	-4	3			
04030 REYKJAVIK	6408N	02154W	61	997.8	1005.2	11.1	0.6	11.0	0.5	12	66	11	4	136	86	
04063 AKUREYRI	6541N	01805W	27	1002.5	1005.8	10.5	0.7	10.1	0.3	10	48	16	5	115	102	
04082 HJARDARNES	6415N	01511W	12	1004.6	1005.8	10.6	0.8	10.9	0.8	14	120	15	3			
DENMARK (GREENLAND)																
04209 UPERNAVIK AWS	7247N	05610W	61	31	1001.2	1009.3	3.9	-2.0	6.9							
04220 EGEDESMINDE	6842N	05245W	47	31	1003.6	1009.5	4.5	-1.2	7.6	0.3	6	64	33	5		
04250 GODTHAB	6410N	05145W	48	31	1006.0	1009.4	5.5	-1.1	8.3	0.2	8	52	-30	2		
04312 NORD ADS	8136N	01640W	34	31	1007.3	1011.8	3.4	2.0	5.8		5	39	13			
04320 DANMARKSHAVN	7646N	01840W	12	31	1011.5	1013.1	3.8	1.4	6.5	0.9	5	44	32	6		
04340 KAP TOBIN	7025N	02158W	42	31	1005.3	1010.5	5.5	2.6	7.5	2.0	7	75	32	5		
04360 ANGMAGSSALIK	6536N	03738W	52	31	1004.7	1009.1	6.7	0.4	8.1	0.5	9	53	5	4		
04390 PRINS CHRISTIAN SUND	6002N	04307W	76	31	1006.0	1007.7										
DENMARK & FAROE IS.																
06011 THORSHAVN	6201N	00646W	39	31	1005.8	1008.7	11.4	0.9	12.2	0.8	16	136	55	5		
06030 ALBORG	5706N	00952E	3	31	1014.0	1014.4	16.7	1.2	13.8	-0.3	9	55	-4	4		
06186 KOBENHAVN/LANDBOHOJSKOLEN	5541N	01233E	9	31	1015.0	1015.6	18.0	1.1	14.3	-0.7	9	50	-20	2		
06190 RONNE	5504N	01445E	16	31	1014.8	1016.7	17.5	0.6	13.7		7	39	-21	2		
NETHERLANDS																
06260 DE BILT	5206N	00511E	4		1017.8	1018.3	18.5	2.0	15.4	0.6	6	57	-32	2	210	115
BELGIUM																
06447 UCCELLE	5048N	00421E	104	31	1006.5	1018.3	19.7	2.7	15.8	0.9	6	44	-32	2		
LUXEMBOURG																
06590 LUXEMBOURG/LUXEMBOURG	4937N	00613E	379		975.4	1019.1	19.3	2.7	12.9	-1.7	9	122	49	5	248	125
SWITZERLAND LIECHTENSTEIN																
06660 ZURICH (TOWN/VILLE)	4723N	00834E	569		954.7	1019.6	19.0	2.3	14.3	0.0	6	50	-92	1	254	116
06680 SAENTIS	4715N	00921E	2500		758.3	3154.2	6.9	1.9	7.5	0.2	12	201	-83	2	193	104
06700 GENEVE-COINTRIN	4615N	00608E	416		971.6	1019.3	20.3	2.2	13.8	0.0	4	16	-85	0	280	110
06770 LUGANO	4600N	00858E	276		986.3	1018.1	21.8	1.2	17.0	-0.4	7	84	-101	1	244	100
FRANCE																
07024 CHERBOURG	4939N	00128W	138		1002.7	1019.1	16.9	1.2	16.2	1.2	6	13	-40	1	280	
07110 BREST/GUIPAVAS	4827N	00425W	103		1008.6	1020.8	18.1	2.3	16.7	1.6	7	23	-49	1	263	125
07150 PARIS/LE BOURGET	4858N	00227E	65		1011.2	1018.9	21.1	3.3	14.1	-0.9	4	13	-45	1	274	136
07180 NANCY/ESSEY	4841N	00613E	217		994.4	1019.7	19.6	2.5	14.3	-0.9	6	62	-13	3	245	114
07190 STRASBOURG	4833N	00738E	154		1001.2	1019.2	20.1	2.1	15.7	0.0	9	100	271	5	265	122
07222 NANTES	4710N	00136W	27		1016.8	1020.0	21.5	3.4	15.7	-0.4	2	7	-50	1	298	135
07255 BOURGES	4704N	00222E	166		999.5	1018.8	21.9	3.4	14.4	-0.6	2	20	-47	1	281	136
07280 DIJON	4716N	00505E	227		993.1	1019.5	20.8	2.1	13.3	-2.1	3	37	-37	2	263	108
07434 LIMOGES	4552N	00111E	402		973.5	1019.6	20.8	3.3	13.8	-0.7	6	52	-25	2	289	130
07480 LYON/BRON	4543N	00457E	201		995.6	1018.9	21.9	2.4	14.5	-1.3	5	43	-57	1	292	115
07510 BORDEAUX/MERIGNAC	4450N	00042W	61		1012.6	1019.8	22.7	3.6	16.7	-0.4	6	20	-44	1	314	134
07630 TOULOUSE/BLAGNAC	4338N	00122E	153		1001.5	1019.2	23.0	2.8	17.3	0.6	5	61	13	4	295	120
07645 NIMES/COURBESSAC	4352N	00424E	62		1010.5	1017.7	24.4	2.1	17.2	1.1	6	36	-8	3	320	103
07650 MARSEILLE/MARIGNANE	4327N	00513E	36		1013.5	1017.7	23.6	0.9	18.0	0.5	4	31	5	4	334	102
07690 NIICE	4339N	00712E	10		1015.9	1017.1	24.1	1.7	21.9	2.1	1	6	-32	1	299	92
07747 PERPIGNAN	4244N	00252E	48		1013.8	1019.5	24.6	1.9	15.2	-2.4	4	18	-14	2	293	103
07761 AJACCIO	4155N	00848E	9		1017.0	1017.6	23.2	1.2	23.7	3.5	3	38	20	5	342	100
SPAIN																
08001 LA CORUNA	4322N	00825W	67		1012.3	1020.2			17.6	0.6	2	9	-31	1	235	96
08141 VALLADOLID	4139N	00446W	735		934.8	1016.6	23.2	2.7			10	0	3	330	97	
08160 ZARAGOZA/AEROPUERTO	4140N	00101W	258		988.5	1017.9	25.2	1.7	18.2		3	11	-5	3	318	95
08181 BARCELONA/AEROPUERTO	4117N	00204E	6		1016.6	1017.4	24.2		21.7		14	48				
08222 MADRID	4025N	00341W	667		943.5	1017.1	25.8	2.5	13.5	1.0	4	8	-4	3	328	93
08306 PALMA DE MALLORCA/SON SAN J.	3933N	00244E	8		1017.7	1018.6	25.7	2.9	24.1		3	27	-53	0	324	105
08314 MENORCA/MAHON	3952N	00414E	82		1008.8	1018.5	25.7	1.3	23.9	3.6	1	1	-22	2	325	107
08359 ALICANTE	3822N	00030W	82		1009.2	1018.5	25.8	-0.1	22.8	1.4	1	16	6	4	322	98
08390 SEVILLA/TABLADA	3722N	00600W	14		1013.8	1015.5	28.3	1.7	19.8	2.3	0	0	-4	0	328	97

EUROPE-SPAIN

SURFACE

AUGUST 1990

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE				
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAY 1 MM	TOTAL	DEPARTURE	QUINTILE			
EUROPE	0°	0°	0		mb	mb	°C	°C	mb	mb	0	0	1	320	95		
SPAIN																	
08487 ALMERIA/AEROPUERTO	3651N	00223W	21		1014.0	1016.3	28.3		26.1		0	0					
GIBRALTAR																	
08495 GIBRALTAR	3609N	00521W	5		1017.2	1017.6	25.6	1.4	23.2	2.4	0	T	-1	4	328	103	
PORTUGAL																	
08506 HORTA (ACORES)	3831N	02838W	62		1015.3	1022.6	21.6		20.9		16	207	6	223	95		
08513 PONTA DELGADA (ACORES)	3745N	02540W	36	31	1018.5	1022.8	22.0	0.0	20.9	0.3	10	139	110	5			
08515 SANTA MARIA (ACORES)	3658N	02510W	100		1010.8	1022.6	22.2	0.4	19.8	0.8	8	160	121	6			
08535 LISBOA	3843N	00909W	95		1008.7	1019.6	23.6		12.9		1	2	3	336	95		
08546 PORTO/SERRA DO PILAR	4108N	00836W	100		1006.9	1018.6	21.1		17.2		2	38	4	268	85		
GERMAN DEMOCRATIC REPUBLIC																	
09170 WARNEHMUENDE	5411N	01205E	10		1015.8	1017.0	18.1	1.4	15.4	0.1	9	85	19	4	247	110	
09184 GREIFSWALD	5406N	01324E	6		1016.2	1017.0	17.9	1.4	14.3	-0.9	6	38	-17	2	248	110	
09379 POTSDAM	5223N	01304E	100		1006.0	1017.8	18.6	1.3	13.8	-0.4	16	90	24	4	264	120	
09393 LINDBERG	5213N	01407E	112		1003.7	1017.0	17.3	-0.1	13.2	-0.5	9	31	-29	1	268	110	
09469 LEIPZIG-SCHKEUDITZ	5125N	01214E	133		1001.4	1018.1	19.7	2.2	13.3	-1.0	10	62	3	4	250	125	
09488 DRESDEN-KLOTZSCHE	5108N	01347E	226		991.8	1018.4	19.6	2.0	13.5	-0.8	11	64	-17	4	249	115	
09499 GOERLITZ	5110N	01457E	238		990.3	1018.2	18.5	1.7	13.6	-0.5	15	72	0	4	259	125	
09548 MEININGEN	5034N	01023E	453		966.2	1018.9	17.3		12.4		9	40			219	120	
09554 ERFURT-BINDERSLEBEN	5059N	01058E	323		980.7	1018.5	18.9	2.5	13.3	-0.5	11	49	-12	2	235	115	
09578 FICHTELBERG	5026N	01257E	1215		883.2	1537	Y	13.4	10.8	0.0	10	106	11	4	249	135	
GERMANY, FEDERAL REPUBLIC OF																	
10035 SCHLESWIG	5432N	00933E	48		1011.0	1016.9	17.1	1.4	15.1	0.7	11	79	-16	3	254	136	
10147 HAMBURG-FUHLSBUETTEL	5338N	01000E	16		1014.9	1017.0	18.7	2.4	14.7	0.3	9	87	3	4	238	130	
10203 EMDEN-HAFEN	5321N	00712E	12		1016.0	1017.5	18.4	2.1	15.7	0.9	10	53	-32	2	220	115	
10338 HANNOVER	5228N	00942E	54		1011.3	1017.7	18.8	2.2	14.6	0.1	9	91	22	4	245	130	
10384 BERLIN-TEMPELHOF	5228N	01324E	49		1011.7	1017.5	19.8	1.6	13.9	0.2	9	58	-7	3	269		
10410 ESSEN	5124N	00658E	161		999.5	1018.3	19.5	2.6	14.8	0.5	6	76	-16	3	221	129	
10438 KASSEL	5118N	00927E	233		990.9	1018.1	19.1	2.1	13.7	-0.4	10	75	4	4	227	125	
10628 GEISENHORN	4959N	00757E	120		1004.3	1018.4	20.2	2.4	14.4	0.0	8	42	-17	3	230	117	
10739 STUTTGART/SCHNARRENBERG	4850N	00912E	311		982.7	1018.7	20.0	2.5	14.0	-0.5	6	68	-14	3	213		
10763 NUERNBERG	4930N	01105E	312		982.6	1018.7	19.8	2.7	14.1	0.0	8	51	-22	2	252	118	
10866 MUENCHEN-RIEM	4808N	01142E	529		958.2	1018.6	18.9	2.3	13.7	-0.4	7	106	-6	3	290	135	
10929 KONSTANZ	4741N	00911E	447		967.3	1018.5	19.7		14.8		7	42	1	288	135		
10961 ZUGSPITZE	4725N	01059E	2962		716.2	3146	Z	3.4	1.3	6.2	-0.1	14	117	-45	2	220	129
AUSTRIA																	
11028 ST. POELTEN	4812N	01537E	282		983.8	1018.5	19.9	2.2	14.2	-0.5	5	17	-67	0	284	131	
11035 WIEN/HOHE WARTE	4815N	01622E	209		992.6	1018.1	21.3	2.5	16.1	1.5	4	15	-46	0	296	118	
11120 INNSBRUCK-FLUGHAFEN	4716N	01121E	598		947.0	1018.4	18.3	1.2	12.5	-1.5	10	63	-57	1	265	133	
11146 SONNBILK	4703N	01257E	3107		703.0	3141	Z	2.4	1.0	6.3	-0.1	11	70	-90	0	226	137
11150 SALZBURG-FLUGHAFEN	4748N	01300E	450		964.9	1018.1	19.1	2.0	14.0	-0.9	8	106	-44	2	272	125	
11155 FEUERKOGEL	4749N	01344E	1621		846.0	1554	Y	12.1		10.7		15	191	-50	2	138	
11212 VILLACHERALPE	4636N	01340E	2160		790.6	1561	Y	9.2		9.4		7	105	2	286	135	
11231 KLAGENFURT-FLUGHAFEN	4639N	01420E	452		963.2	1018.6	17.5	0.1	15.2	0.0	4	49	-52	1	271	112	
11240 GRAZ-THALERHOF-FLUGHAFEN	4700N	01526E	347		976.2	1018.6	18.7	1.0	16.3	0.4	6	107	4	3	281	117	
CZECHOSLOVAKIA																	
11406 CEB	5005N	01224E	471		964.5	1018.8	18.0	2.5	12.8	-0.2	7	40	-29	2	235	116	
11518 PRAHA/RUZYNE	5006N	01417E	369		975.5	1018.2	19.0	2.0	12.7	-0.9	8	34	-32	1	253	108	
11520 PRAHA-LIBUS	5000N	01427E	304		983.0	1018.3	19.8	2.4	14.2	0.8	9	52	-14	3	241		
11723 BRNO/TURANY	4909N	01642E	246		990.3	1018.9	19.9	1.9	12.7	-1.4	3	14	-44	0	288	117	
11782 OSTRAVA/MOSNOV	4941N	01807E	256		989.0	1019.5	18.2	1.1	13.6	-0.8	9	57	-34	2	252	109	
11903 SLIAC	4838N	01909E	318		981.1	1018.3	18.9	1.7	12.8	-1.5	3	32	-37	1	271	107	
11934 POPRAD/TATRY	4904N	02015E	707		937.4		15.6	0.8	11.3	-1.5	6	29	-44	1	249	103	
POLAND																	
12120 LEBA	5445N	01732E	2		1016.3	1016.6	16.8		14.9		6	65					
12160 ELBLAG	5410N	01926E	43		1012.1	1017.2	17.2		15.1		10	63					
12205 SZCZECIN	5324N	01437E	3		1016.5	1017.3	18.4	1.3	15.1	0.2	11	53	-6	3			
12295 BIALYSTOK	5306N	02310E	151		999.4	1017.4	16.2	-0.3	14.5	0.1	11	72	3	3			
12330 POZNAN	5225N	01650E	92		1007.8	1017.8	17.9	0.5	14.1	0.1	12	60	4	3			

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	DEPARTURE	% OF AV.	
EUROPE	0°	0°	0												
POLAND															
12375 WARSZAWA-OKECIE	5210N	02058E	107	1005.4	1018.1	17.7	0.3	14.6	0.1	9	70	14	4		
12424 WROCŁAW II	5106N	01653E	121	1004.2	1018.5	18.6	1.4	13.7	-1.2	10	62	-15	3		
12497 WLÓDAWA	5133N	02332E	179	996.9	1018.1	17.2		14.3		11	64				
12695 PRZEMYSŁ	4948N	02246E	280	985.7	1018.6	17.6	0.3	14.3	-0.6	9	71	-7	4		
HUNGARY															
12772 MISKOLC	4805N	02046E	2327	990.6	1017.6	20.5	1.2	13.5	-2.4	5	28	-41	1	288 111	
12840 BUDAPEST/METEOROLOGIA	4731N	01902E	129	1002.7	1017.8	22.5	1.5	12.4	-2.5	3	13	-43	1	310 110	
12843 BUDAPEST/LORINC	4726N	01911E	139	1001.3	1017.6	22.2	2.0	12.7	-2.6	3	20	-27	2	322 113	
12882 DEBRECEN	4729N	02138E	112	1004.2	1017.6	20.4	0.6	14.1	-1.9	3	17	-48	1	308 110	
12942 PECS	4600N	01814E	203	994.3	1018.0	21.1	0.8	13.9	-1.7	2	30	-32	2	319 110	
12982 SZEGED	4615N	02006E	83	1008.3	1018.0	20.5	0.4	13.1	-3.1	5	24	-34	1	316 105	
YUGOSLAVIA															
13129 ZAGREB/GRIC	4549N	01559E	162	998.9	1017.7	22.1	1.6	14.4	-2.5	4	25	-63	1	112	
13274 BEOGRAD	4448N	02028E	132	31	1002.0	1017.4	22.5	1.1	13.7	-2.9	3	16	-35	1	
13334 SPLIT/MARJAN	4331N	01626E	128	31	1001.4	1016.1	25.6	0.6	16.4	0.6	3	16	-34	2	102
13354 SARAJEVO	4352N	01826E	637	31	945.9	1018.3	19.0	0.3	11.7	-3.2	8	39	-29	2	97
13462 TITOGRAD/GOLUBOVCI	4222N	01915E	33	31	1009.2	1015.0	26.8	1.1	15.2	0.6	3	14	-57	1	98
13586 SKOPJE-PETROVAC	4158N	02139E	239	31	987.9	1015.4	23.9	1.2	12.4	-2.8	3	17	-10	2	
ROMANIA															
15085 BISTRITA	4709N	02431E	367	31	975.5	1018.1	18.9	0.9	14.5	-0.9	4	14	-56	1	
15090 IASI	4710N	02738E	104	31	1005.4	1017.5	21.1	0.9	14.7	-1.6	3	12	-48	1	
15120 CLUJ-NAPOCA	4647N	02334E	413	31	969.9	1017.5	18.8	0.4	13.9	-1.0	5	25	-45	1	
15247 TIMISOARA	4546N	02115E	88	31	1007.8	1018.1	21.0	0.5	13.7	-3.0	3	30	-16	2	
15260 SIBIU	4548N	02409E	444	31	966.9	1018.0	18.9	0.3	16.3	0.1	5	55	-13	2	
15360 SULINA	4509N	02940E	9	31	1015.7	1016.7	21.9	-0.2	20.0	-0.6	3	13	-16	2	
BULGARIA															
15511 LOM	4349N	02315E	33		1014.7	1017.1	22.0	-0.3	16.7		2	32	-30	3	319 110
15552 VARNA	4312N	02755E	43		1012.2	1017.1	21.6	-0.6	18.7		1	60	34	5	301 100
15655 BURGAS	4229N	02729E	28		1013.6	1016.9	22.4	-0.3	19.4		1	2	-28	1	335 110
ITALY															
16090 VERONA/VILLAFRANCA	4523N	01052E	68	1010.0	1017.9	24.4	2.2	22.0	2.3	3	59	-22	2		
16110 TRIESTE	4539N	01345E	20	1015.1	1017.4	24.4	1.3	18.2	0.8	4	91	-6	3	293 105	
16158 PISA/S. GIUSTO	4341N	01023E	1	1016.9	1017.6	23.9	1.6	19.4	0.3	3	53	-6	3	283 95	
16191 FALCONARA	4337N	01322E	10	1015.3	1017.1	23.2		19.5		4	38		1	315 100	
16230 PESCARA	4226N	01412E	11	1014.9		22.8	0.1	10.4	-9.4	4	62	3	4	294 95	
16320 BRINDISI	4039N	01757E	10	1014.1	1015.3	25.0	0.5	23.3	0.9	1	1	-28	1	313 95	
16325 MARINA DI GINOSA	4026N	01653E	12	1013.1	1014.4	25.2	0.8	22.5	1.3	1	3	-25	1		
16429 TRAPANI/BIRGI	3755N	01230E	14	1015.7	1016.7	25.5	0.4	26.8	4.3	2	68	55	5	323 95	
16560 CAGLIARI/ELMAS	3915N	00903E	18	1016.4	1017.0	25.1	1.0	24.8	4.0	4	48	37	5	303 95	
MALTA															
16597 LUQA	3551N	01429E	91	31	1008.1	1016.5	26.3	0.1	24.1	0.7	1	7	-2	4	
GREECE															
16622 THESSALONIKI/MIKRA	4031N	02258E	4	1015.4	1015.9	25.7	-0.6	15.3	-2.4	4	28	8	4	301 85	
16641 KERKYRA	3937N	01955E	4	1013.7	1014.2	26.1	-0.2	20.9	1.1	1	21	4	4	326 85	
16648 LARISSA	3938N	02225E	74	1006.9	1015.4	25.3	-1.3	15.0	-0.6	3	65	53	5	298 85	
16714 ATHINAI/OBSERVATORY	3758N	02343E	107	1001.7	1013.8	26.4	-0.7	15.7	-0.9	1	15	10	5	350 105	
16716 ATHENS(HELLINIKON)	3754N	02344E	15	1011.8	1013.6	28.0	-0.2	14.4		1	16	11	5	324 95	
16726 KALAMATA	3704N	02201E	8	1012.2	1013.2	25.6	-1.1	18.8	-0.9	1	5	-4	3	317 85	
16746 SOUDA	3529N	02407E	151	995.8	1013.3	24.7	-0.7	18.0	0.7	2	21	19	6	358 90	
16754 HERAKLION	3520N	02511E	39	1007.9	1012.4	24.9	-1.2	18.3	-0.9	0	0	0	0	341 90	
TURKEY															
17030 SAMSUN	4117N	03620E	4	1014.8	1015.2	22.4	-0.5	20.4	0.2	6	59	25	5		
17050 EDIRNE	4140N	02634E	48	1010.0	1016.0	23.6	-0.2	15.1	-0.5	3	4	-20	2	235 70	
17062 ISTANBUL/GOZTEPE	4058N	02905E	40	1010.8	1014.6	23.3	0.1	19.6	0.4	2	8	-21	2	242 72	
17074 KASTAMONU	4122N	03346E	799	924.5	1014.1	18.1	-1.6	11.8	-1.2	4	53	28	5	242 74	
17090 SIVAS	3945N	03701E	1285	871.6	1011.3	18.2	-1.5	11.8	1.2	0	0	-6	0	325 90	
17092 ERZINCAN	3944N	03930E	1215	876.7	1006.7	22.7	-1.1	13.0	1.5	0	0	-7	0		

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE					
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAY 1 MM	TOTAL	DEPARTURE	QUINTILE	TOTAL hr	% OF AV.			
EUROPE																			
TURKEY																			
17112 CANAKKALE	4008N	02624E	3	1014.2	1014.8	24.6	0.2	21.9	2.7	1	1	-8	3	298	79				
17116 BURSA	4011N	02904E	100	1002.5	1014.0	23.6	0.3	13.1	-4.0	0	T	-19	2	260	76				
17130 ANKARA/CENTRAL	3957N	03253E	894	913.2	1012.7	22.1	-0.8	11.9	0.8	2	23	15	5						
17190 AFYON	3845N	03032E	1034	898.2	1011.3	21.1	-0.5	12.5	1.1	1	16	9	5						
17220 IZMIR	3826N	02710E	25	1007.6	1010.5	27.4	0.2	19.3	0.9	1	2	0	4						
17240 ISPARTA	3745N	03033E	997	900.5	1009.3	21.9	-1.0	12.6	1.0	2	1	-6	3						
17270 URFA	3708N	03846E	547	942.2	1001.4	30.8	-0.3	15.2	2.9	0	0	-1	0						
17280 DIYARBAKIR	3753N	04011E	677	929.5	1004.3	29.2	-1.3	10.2	-2.5	0	0	0	0						
17292 MUGLA	3712N	02821E	646	937.9	1009.3	25.6	-0.1	15.6	2.7	1	7	0	4						
17300 ANTALYA	3642N	03044E	57	1001.3	1007.5	27.1	-0.9	19.9	-1.6	0	0	-3	0						
17352 ADANA	3659N	03518E	20	1005.1	1007.4	28.4		24.0		6	2		4						
CYPRUS																			
17609 LARNACA AIRPORT	3453N	03338E	2	1007.2	1007.4	27.2		22.4		0	0			384					
USSR																			
22113 MURMANSK	6858N	03303E	46	1007.7	1013.9	11.9	0.9	10.6	0.4	9	47	-18	2	211	140				
22165 KANIN NOS	6839N	04318E	49	1007.0	1013.0	7.6	-1.0	8.1	-1.5	2	9	-37	0						
22550 ARHANGEL'SK	6435N	04030E	13	1012.7	1013.7	13.2	-0.6	12.1	0.0	7	32	-35	1	216	95				
22837 VYTEGRA	6101N	03627E	59	1007.1	1013.8	14.7	0.1	13.8	0.8	12	56	-25	2	186	80				
26038 TALLIN	5925N	02448E	44	1010.1	1014.1	15.9	0.4	4.5	-9.7	8	129	60	5	266	55				
26629 KAUNAS	5453N	02353E	75	1006.7	1015.9	16.6	0.2	14.9	1.0	11	60	-3	3	250	110				
26850 MINSK	5352N	02732E	234	988.7	1015.9	16.3	-0.2	14.0	0.5	10	53	-25	1	240					
27037 VOLOGOA	5917N	03952E	118	996.7	1012.0	14.6	-0.4	13.7	0.1	11	91	23	4	199	80				
27196 KIROV	5839N	04937E	164	991.7	1011.3	16.2	0.8	14.0	1.2	12	55	-5	3	225	90				
27612 MOSKVA	5545N	03734E	156	994.5	1012.9	16.0	-0.6	14.4	0.9	13	79	5	4						
33345 KIEV	5024N	03027E	179	996.8	1016.4	18.5	-0.3	14.4	-0.6	7	75	4	3	275					
33393 L'VOV	4949N	02357E	325	980.6	1018.3	16.4	-0.6	13.6	-0.8	8	70	-14	2						
33837 ODESSA	4629N	03038E	64	1012.1	1017.0	21.3	-0.1	15.7	-0.6	2	26	-7	4	331	75				
33946 SIMFEROPOL'	4501N	03359E	205	995.0	1016.0	20.8	-0.5	14.0	-1.0	3	16	-20	2	345	105				
34122 VORONEZ	5142N	03910E	164	995.8	1013.4	16.8	-1.7	14.5	1.2	9	75	16	4	228	85				
34172 SARATOV	5134N	04602E	156	988.7	1012.2	16.0	-3.5	14.3	2.2	14	118	79	6	167	60				
34300 HAR'KOV	4956N	03617E	152	996.9	1014.8	18.4	-1.2	14.9	1.1	7	46	-13	3	246	95				
34731 ROSTOV-NA-DONU	4715N	03949E	77	1005.9	1014.7	21.2	-1.2	14.7	-0.3	2	9	-33	1	338					
34880 ASTRAHAN'	4616N	04802E	18	1013.5	1015.9	22.2	-1.4	16.5	1.0	2	11	-5	3						
37050 PJATIGORSK	4403N	04302E		953.2	1014.3	19.6	-0.9	16.9	1.3	7	31	-22	2	228					
37549 TBILISI	4141N	04457E	490	964.3	1012.6	22.8	-1.3	14.0	-2.6	10	28	-17	3	191	70				
ISRAEL																			
40180 BEN-GURION INTL AIRPORT	3200N	03454E	49	1004.5	1009.2	26.1	-0.1	23.6	1.7	0	0	0	0	362	102				
40184 JERUSALEM	3147N	03513E	809	925.4	1487	Y	22.7	-1.0	17.8	2.4	0	0	-T	0	371	93			
40199 EILAT	2933N	03457E	13	1004.8	1005.9	32.7	-0.2	13.9	-0.4	0	0	0	5	366	105				
JORDAN																			
40250 H-4 'IRWAISHED'	3230N	03812E	688	31	930.8	1004.8	28.2	0.0	11.6	0.5	0	0	-T	0					
40270 AMMAN AIRPORT	3159N	03559E	768	31	921.3	1006.2	25.1	-0.2	17.4	3.1	0	0	-T	0					
40310 MA'AN	3010N	03547E	1070	31	884.5	1467	Y	25.1	-0.5	12.8	2.2	0	0	-T	0	102			
ASIA																			
USSR																			
20046 POLAR GMD IM.E.T. KRENKELJA	8037N	05803E	20	1008.4	1011.1	-0.1	-0.1	5.6	0.1	4	18	-6	2	67					
20069 OSTROV VIZE	7930N	07659E	18	1007.5	1008.8	-0.3	-0.2	5.8	0.1	11	60	11	5	64					
20292 GMO IM.E.K. FEDOROVA	7743N	10417E	13	1006.2	1008.1	1.6	1.0	6.6	0.6	14	76	43	5	100					
20674 OSTROV OIKSON	7330N	08014E	20	1003.4	1009.1	3.5	-1.3	7.4	-0.2	14	67	23	4	105					
20891 HATANGA	7159N	10228E	24	1005.5	1009.5	8.7	-0.4	8.1	-0.7	8	43	0	4	224					
21432 OSTROV KOTEL' NYJ	7600N	13754E	10	1010.7	1011.7	4.2	2.4	8.0	1.4	6	16	-11	2	73	75				
21946 COKURDAH	7037N	14753E	48	1003.4	1010.8	8.3	1.6	9.0	1.5	4	13	-18	1	166	100				
21965 OSTROV CETYREH-STOLBOVOJ	7038N	16224E	6	1004.9	1010.0	4.3	2.2	7.7	0.9	4	23	1	4	90					
23205 NAR' JAN-MAR	6739N	05301E	7	1011.5	1012.7	10.6	0.1	10.7	0.3	15	47	-8	3	153	95				
23219 HOSEDA-HARD	6705N	05923E	84	1002.5	1012.7	10.2	0.5	10.7	0.8	13	56	-8	2	168	90				
23330 SALEHARD	6632N	06632E	35	1010.2	1012.1	11.3	0.4	10.9	0.9	7	43	-15	2	163					
23472 TURUHANSK	6547N	08757E	32	1006.7	1011.2	12.1	0.0	10.4	-0.7	9	62	-10	2						
23552 TARKO-SALE	6455N	07749E	27	1008.0	1011.6	12.5	0.6	10.6	-0.3	9	70	4	4	148	75				
23724 NJAKSIMVOL'	6226N	06052E	50	1006.2	1012.3	14.1	1.7	12.8	1.9	15	86	8	4	214					

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STATION	LATITUDE	LONGITUDE	ELEVATION	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE	
				MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAY 1 MM	TOTAL	DEPARTURE	QUINTILE
ASIA	0°	0°	m	mb	mb	°C	°C	mb	mb	mm	mm	mm	hr
USSR													%
23804 SYKTYVKAR	6140N	05051E	96	997.4	1011.5	14.5	0.4	13.0	0.5	14	98	42	5 214 100
23884 BOR	6136N	09000E	63	1004.2	1011.1	14.4	0.9	11.2	-0.9	4	39	-31	1 314 150
23933 HANTY-MANSIJSK	6058N	06904E	40	1006.8	1012.3	15.7	1.8	12.8	0.3	8	61	-6	3 259
24105 ESSEJ	6828N	10222E	271	978.2	1010.6	9.9	-0.7	9.2	-0.2	4	15	-35	1
24125 OLENEK	6830N	11226E	127	984.5	1017.3	10.4	0.1	9.0	-0.4	13	69	27	5 69 70
24143 DZARDZAN	6844N	12400E	45	1005.4	1010.1	11.7	0.6	10.7	0.9	13	44	2	3 325 140
24266 VERHOJANSK	6733N	13323E	137	993.9	1010.4	12.2	1.1	1.3	-7.5	4	26	-3	3 325 140
24507 TURA	6410N	10004E	186	988.7	1010.9	13.1	0.7	10.5	0.2	8	74	18	4 228 105
24641 VILJUJSK	6346N	12137E	107	996.1	1009.2	16.9	2.7	1.0	-9.0	5	19	-19	2 300 105
24688 OJMJAON	6316N	14309E	726	923.6	1008.1	9.6	-0.9	7.7	-1.0	8	21	-14	2 277 95
24738 SUNTAR	6209N	11739E	124	993.1	1008.8	16.5	2.7	11.1	0.5	7	23	-22	2 328 130
24817 ERBOGACEN	6116N	10801E	291	974.9	1008.9	15.4	2.5	13.2	2.3	6	81	21	4 284
24959 JAKUTSK	6205N	12945E	103	996.7	1008.6	16.8	1.7	10.4	-0.5	1	11	-28	1 369 140
25173 MYS SMIDTA	6855N	17929W	7	1009.0	1009.4	5.0	1.8	8.2	0.9	8	32	-13	2 138
25248 ILIRNEJ	6720N	16814E	426	965.0	1006.8	10.0	1.3	9.6	0.7	9	43	4	3 148 75
25325 UST'-OLOJ	6633N	15925E	125	992.1	1007.4	10.1	0.5	9.9	1.0	14	38	5	4 112
25399 MYS UELEN	6610N	16950W	7	1008.6	1008.9	8.2	2.5	9.8	1.3	9	96	41	5 141
25400 ZYRJANKA	6544N	15054E	43	1004.4	1009.6	14.3	2.3	10.2	-0.2	11	54	19	4 206 85
25563 ANADYR'	6447N	17734E	62	997.7	1005.0	10.6	1.2	10.5	0.3	11	31	-9	2 168 35
25703 SEJMCAN	6255N	15225E	207	982.8	1008.1	10.3	-1.8	9.5	-0.6	12	63	27	5 157 30
25744 KAMENSKOE	6229N	16613E	8	1002.1	1003.3	11.9	1.1	11.6	0.4	14	63	11	4 180 70
25954 KORF	6021N	16600E	3	1003.1	1003.5	12.8	0.8	11.5	0.1	11	34	-24	1 144 30
28225 PERM	5801N	05618E	161	991.5	1011.6	16.1	1.0	14.1	1.7	12	48	-15	2 239 100
28275 TOBOL'SK	5809N	06811E	44	1006.6	1012.3	6.4	-8.4	13.7	1.2	7	39	-35	2 290 130
28440 SVERDLOVSK	5648N	06038E	237	980.0	1012.7	16.3	1.6	13.6	1.6	11	67	2	4 234 130
28698 OMSK	5456N	07324E	94	998.1	1011.6	17.0	1.2	12.4	0.2	7	23	-30	1 310 125
28952 KUSTANAJ	5313N	06337E	171	994.8	1011.9	17.5	-0.3	13.8	2.7	8	28	-3	3 277 105
29231 KOLPASEV	5818N	08254E	76	1003.1	1012.1	15.2	1.0	12.9	0.2	5	43	-34	1 304 15
29263 ENISEJSK	5827N	09209E	78	1000.7	1010.0	16.0	1.4	14.2	1.8	7	89	22	4 278 145
29282 BOGUCANY	5825N	09724E	134	994.0	1009.6	17.0	2.3	13.4	1.3	7	58	6	3 268 55
29838 BARNAUL	5320N	08342E	196	990.1	1011.3	16.6	-0.1	14.4	1.5	1	100	47	5 259 105
30230 KIRENSK	5746N	10807E	258	978.0	1008.2	16.7	2.2	14.8	2.0	12	64	1	4 260
30309 BRATSK	5604N	10150E	326	961.1	1009.0	17.0	2.1	13.8	1.4	6	48	-12	3 255
30469 KALAKAN	5507N	11645E	613	938.1	1008.6	13.4	0.3	13.2	1.7	12	139	52	5 182
30554 BOGDARIN	5428N	11335E	995	895.2	1006.4	13.1	2.1	11.8	2.3	16	96	5	4 196
30635 UST'-BARGUZIN	5326N	10859E	457	954.4	1007.2	16.1	1.8	14.6	2.2	10	91	38	6 175
30673 MOGOCA	5344N	11947E	619	934.4	1005.8	14.5	0.8	12.7	1.0	15	138	44	5 175 80
30710 IRKUTSK	5216N	10421E	485	954.8	1008.8	15.7	0.6	14.3	2.1	10	136	50	5 180 90
30758 CITA	5201N	11320E	685	930.5	1006.5	15.1	-0.3	13.7	1.6	12	147	70	5 165 75
31004 ALDAN	5837N	12522E	682	931.1	1008.1	15.8	2.4	10.0	-1.0	3	15	-91	0 342 170
31088 OHOTSK	5922N	14312E	6	1005.2	1005.9	14.3	1.1	12.0	-0.6	4	16	-56	1
31168 AJAN	5627N	13809E	9	1007.4	1008.5	15.1	2.1	12.7	0.3	4	16	-118	1 246 155
31253 BOMNAK	5443N	12856E	357	965.8	1007.2	16.6	1.4	14.6	1.5	5	62	-85	2 228 105
31369 NIKOLAEVSK-NA-AMURE	5309N	14042E	47	1000.4	1008.4	16.3	0.4	14.2	-0.1	10	74	-4	3 158
31416 IM POLINY OSIPENKO	5225N	13630E	73	998.9	1007.4	16.7	0.3	15.6	1.1	9	122	50	5 211 110
31510 BLAGOVESCHENSK	5016N	12730E	137	989.5	1004.7	19.4	0.4	18.5	2.5	7	98	-18	2
31735 HABAROVSK	4831N	13510E	72	996.3	1006.3	19.3	-0.1	21.5	4.6	13	245	123	5 250 115
31960 VLADIVOSTOK	4307N	13154E	138	985.8	1006.8	20.7	1.2	21.0	2.1	8	222	69	5 166 100
32150 JUZNO-SAHLINSK	4655N	14244E	31	1005.6	1008.4	17.8	1.6	17.5	1.6	10	120	30	4 158
32195 SIMUSIR	4651N	15152E	26	1006.8	1009.9	11.2	0.9	12.8	1.0	11	76	-84	1
32411 ICA	5542N	15538E	4	1004.5	1005.2	11.5	0.1	12.6	0.0	6	34	-64	2 195 155
32540 PETROPAVLOVSK-KAMCATSKIJ	5258N	15845E	7	1001.6	1004.4	13.7	0.5	11.8	-0.4	6	58	-31	2 223 125
32618 NIKOL'SKOE (OSTROV BERINGA)	5512N	16559E	6	1001.7	1003.4	10.3	-0.4	11.6	-0.1	11	131	57	5 106 120
35358 TURGAJ	4938N	06330E	123	1001.4	1012.8	20.8	-0.6	8.6	-1.5	3	60	45	6 329
35394 KARAGANDA	4948N	07308E	555	950.0	1013.3	16.5	-0.9	11.5	2.8	7	64	35	5 295
35700 GUR'EV	4701N	05151E	-20	1014.5	1011.9	22.0	-2.3	15.5	3.2	6	40	29	5 394
35796 BALHAS	4654N	07500E	423	970.7	1010.6	22.0	0.5	12.0	0.8	3	6	-3	3 394
35925 SAM	4525N	05612E	82	1002.0	1012.2	23.9	-1.7	13.4	2.3	3	6	2	4 312
36177 SEMIPALATINSK	5021N	08015E	206	988.5	1011.4	17.5	-0.9	14.2	2.8	8	51	24	5 273 90
36870 ALMA-ATA	4314N	07656E	847	915.6	1008.7	22.6	0.7	12.3	1.0	1	22	-5	3 302 100
38262 CIMBAJ	4257N	05949E	66	1004.5	1013.1	25.2	1.1	17.0	2.4	1	3	0	4 325
38413 TAMDY	4144N	06437E	220	992.0	1010.9	27.1	-0.7	7.9	-1.7	0	0	0	0 123
38457 TASKENT	4116N	06916E	428	952.6	1006.8	26.2	1.3	14.2	1.4	0	T	-3	4 375 100
38507 KRASNODVODSK	4002N	05259E	89	1000.9	1010.1	26.4	-0.7	17.2	2.6	3	33	31	5 287 65
38687 CARDZOU	3905N	06336E	193	985.6	1007.4	27.4	0.4	13.5	2.0		401	95	

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE	
					MEAN STATION mb	MEAN SEA LEVEL mb	MEAN °C	DEPARTURE °C	MEAN mb	DEPARTURE mb	DAYS 1 MM	TOTAL mm	DEPARTURE mm	% OF AV.	
ASIA	0°	0°	3												
USSR															
38880 ASHABAD	3758N	05820E	228	983.7	1009.3	29.6	0.7	15.8	3.2	0	T	-1	4	326	
IRAN, ISLAMIC REPUBLIC OF															
40706 TABRIZ	3805N	04617E	1361	861.3		25.7	-0.5	12.5	2.7	0	0	-4	0		
40712 ORUMIEH	3732N	04505E	1312	864.4		23.5		13.8		0	0				
40718 ANZALI	3728N	04928E	-23	1015.0	1011.9	24.6		26.4		5	54				
40745 MASHHAD	3616N	05938E	980	900.6	1007.8	26.2	2.1	9.5	0.7	0	0	0	4		
40754 TEHRAN-MEHRABAD	3541N	05121E	1191	877.1	1001.6	30.3	1.7	11.7	3.5	0	0	-2	0		
40766 BAKHTARAN	3416N	04707E	1322	863.3		26.2		5.9		0	0				
40831 ABADAN	3022N	04815E	11	999.6	1000.4	36.0	0.7	14.6	-2.2	0	0	0	5		
40841 KERMAN	3015N	05658E	1754	820.9	999.1	26.3	1.3	6.2	1.1	0	0	-1	5		
40848 SHIRAZ	2932N	05235E	1491	846.5	1000.1	29.7	2.4	10.4	2.1	0	0	0	0		
BAHRAIN															
41150 BAHRAIN MUHARRAQ	2616N	05037E	2	31	1000.9	1001.1	33.6	-0.7	30.9	-4.2	0	0	0	5	
UNITED ARAB EMIRATES															
41216 ABU DHABI BATEEN AIRPORT	2426N	05428E	3	31	998.5	999.0	34.5	0.5	34.1	1.9	0	0	-2	4	
41217 ABU DHABI INTL AIRPORT	2426N	05439E	27	31	996.2	999.0	34.6		33.5		0	0			
OMAN															
41256 SEEB, INTERNATIONAL AIRPORT	2335N	05817E	15	999.4	1001.0	30.4		31.7		0					
41268 SUR	2235N	05931E	5	999.8	1001.3	30.9		28.1		0	0				
41288 MASIRAH	2040N	05854E	19	999.5	1001.7	25.9		27.3		0	0				
41314 THUMRAIT	1740N	05402E	467	951.6		29.7		24.6		0					
41316 SALALAH	1702N	05405E	22	1002.2	1004.9	25.4		29.2		12	38	5			
PAKISTAN															
41530 PESHAWAR	3401N	07135E	360	960.3	999.3	31.0	0.1	30.1	2.1	5	75	27	4		
41560 PARACHINAR	3352N	07005E	1726	1467	Y	24.7	1.0	19.3	1.4	11	121	17	4		
41598 JHELUM	3256N	07343E	234	975.3	1001.1	30.3	0.5	32.2	2.0	13	205	-66	3		
41620 ZHOB	3121N	06928E	1407	851.5	1421	Y		16.3	-1.0	5	32	-19	3		
41624 DERA ISMAIL KHAN	3149N	07056E	173	980.8	999.1	31.8	-0.7	32.6	1.9	6	77	37	5		
41640 LAHORE CITY	3133N	07420E	215	977.7	1000.5	30.6	-0.2	32.9	2.1	12	293	145	5		
41660 QUETTA AIRPORT	3015N	06653E	1589	835.0	1433	Y	28.7	2.9	14.9	1.5	2	10	7	5	
41675 MULTAN	3012N	07126E	123	986.1	999.4	33.0	-0.4	29.2	-0.4	2	103	69	5		
41712 DAL BANDIN	2853N	06424E	850			34.3	2.4	12.3	4.2	1	18	18	6		
41715 JACOBABAD	2818N	06828E	56	992.9	999.1	32.9	-0.5	33.5	3.1	2	33	21	5		
41739 PANJGUR	2658N	06406E	981	897.5	1453	Y	31.3	1.0	23.3	4.0	0	0	-5	4	
41756 JIWANI	2504N	06148E	57	995.3	1001.8	28.4	-0.2	28.3	-0.9	0	0	-1	4		
41765 HYDERABAD	2523N	06825E	30	995.5	1000.1	30.0	-1.6	29.1	0.6	5	105	58	4		
41768 CHHOR	2531N	06947E	6	999.6	1000.5	30.5	0.3	31.9	1.9	2	14	-38	2		
41780 KARACHI AIRPORT	2454N	06708E	22	999.1	1001.6	28.1	-0.9	30.5	0.6	4	75	21	4		
INDIA															
42027 SRINAGAR	3405N	07450E	1587	31	835.9	1439	Y	23.7	0.1	21.2	1.3	9	122	49	5
42071 AMRITSAR	3138N	07452E	234	975.2	999.7	29.2	-0.7	33.5	1.1	12	247	63	4	215	
42147 MUKTESWAR KUMAON	2928N	07939E	2311			16.5	-0.6	18.1	0.1						
42165 BIKANER	2800N	07318E	224			1000.5			28.6	1.4	2	61	-17	2	
42182 NEW DELHI/SAFDARJUNG	2835N	07712E	216	977.1	1000.3	30.1	0.5	31.3	1.0	13	312	64	4	199	
42261 AGRA	2710N	07802E	169	981.5	999.9			33.4	2.2						
42314 DIBRUGARH/MOHANBARI	2729N	09501E	111	991.5	1003.8	28.9	0.9	32.3	0.6	16	344	-100	2		
42339 JODHPUR	2618N	07301E	224	993.7	1000.7	29.5	-0.2	31.7	3.6						
42410 GAUHATI	2606N	09135E	54	31	997.3	1003.4	29.1	0.3	32.8	0.1	12	67	-207	0	
42452 KOTA AERODROME	2509N	07551E	274			1001.2	29.6		28.5		7	130			
42475 ALLAHABAD/BAMHRAULI	2527N	08144E	98	990.1	1001.7	28.7	-0.5	33.2	0.9						
42515 CHERRAPUNJI	2515N	09144E	1313	865.5	1468	Y	21.0	0.4	22.9	0.3					
42587 DAL TONGANJ	2403N	08404E	221	975.4	1001.1	28.7	0.0	31.1	-1.2	17	254	-40	3		
42599 DUMKA	2416N	08715E	149	985.1	1002.1	29.5	1.2	32.1	-0.1	12	258	-61	2		
42647 AHMADABAD	2304N	07238E	55	996.5	1002.7	28.0	-0.3	32.1	2.4	22	613	394	6	76	
42731 DWARKA	2222N	06905E	11	31	1001.9	1003.3	27.5	-0.3	34.0	1.9	9	80	-17	3	
42754 INDORE	2243N	07548E	567	31	940.1	1002.3	25.6	0.6	28.0	1.9	21	492	201	5	
42807 CALCUTTA/ALIPORE	2232N	08820E	6	31	1001.7	1002.4	29.9	0.9	33.5	0.4	18	157	-173	0	
42867 NAGPUR SONEGAON	2106N	07903E	310	31	966.2	1001.5	27.5	0.5	29.5	1.6	14	356	66	4	
42909 VERAVAL	2054N	07022E	8		1003.3	1004.2	26.6	-0.7	31.4	-0.4	16	517	334	5	

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE					
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	DEPARTURE	QUINTILE	H TOTAL	% OF AV.			
ASIA																			
INDIA																			
42933 AKOLA	2042N	07702E	282	28	971.1	1002.5	27.1	0.2	28.5	1.7	16	283	98	5					
42971 BHUBANESWAR	2015N	08550E	46		996.2	1001.3	28.7		33.5		23	502							
43041 JAGDALPUR	1905N	08202E	553	31	941.8	1002.2	25.3	0.0	26.7	0.1	21	599	224	5					
43057 BOMBAY/COLABA	1854N	07249E	11		1004.2	1005.4	26.5	-0.7	30.9	0.3	27	1041	580	5	27 31				
43063 POONA	1832N	07351E	559		943.9	1005.2	24.1	-0.4	25.3	1.2	14	198	82	5	74 68				
43128 HYDERABAD AIRPORT	1727N	07828E	545		944.1	1003.8	25.9	0.1	24.8	0.6	12	238	72	4	140 97				
43149 VISHAKHAPATNAM	1743N	08314E	3		1001.5	1001.9	29.3	0.0	32.3	1.3	26	332	192	6					
43185 MACHILIPATNAM (FRANCHPET)	1612N	08109E	3		1002.9	1003.3	29.3	0.6	29.6	-0.1	13	189	16	4					
43192 GOA/PANJIM	1529N	07349E	60	31	1001.1	1008.0	26.3	-0.1	30.2	0.3	29	600	100	4					
43198 BELGAUM/SAMBRA	1551N	07437E	747		925.2	1007.3	22.7		23.8			21	141						
43279 MADRAS/MINAMBAKKAM	1300N	08011E	16	31	1003.4	1005.1	30.5	0.7	28.6	1.2	10	92	-64	2					
43295 BANGALORE	1258N	07735E	921		907.3	1485	23.1	-0.3	21.8	0.6	12	109	-25	3	88 68				
43314 KOZHIKODE	1115N	07547E	5	31	1009.6	1010.3	25.9	-0.2	29.6	-0.3	24	256	-149	1					
43333 PORT BLAIR	1140N	09243E	79	31	999.0	1007.9	26.9	0.6	30.6	0.6	22	375	-67	2					
43363 PAMBAN	0916N	07918E	11	31	1005.9	1007.1	30.1	1.2	28.9	-2.1	0	0	-8	2					
43369 MINICOY	0818N	07309E	2	31	1010.1	1010.3	28.9	1.7	30.4	1.2	7	26	-174	0					
43371 TRIVANDRUM	0829N	07657E	64	31	1002.6	1009.9	26.7	0.4	28.6	0.2	8	57	-81	1					
SRI LANKA																			
43418 TRINCOMALEE	0835N	08115E	7		998.9	1007.7	29.5	-0.2			5	111	20	4					
43466 COLOMBO	0654N	07952E	7		1009.1	1009.9	27.9	0.4	28.9	-0.7	1	18	-78	1					
43497 HAMBANTOTA	0607N	08108E	20		1006.5	1008.3	28.7	1.3	28.7	0.6	0	0	-48	1					
MONGOLIA																			
44212 ULAN-GOM	4948N	09205E	936		904.8	1015.3	15.8		12.2			18	57						
44214 ULGI	4858N	08958E	1714		824.8	1007.6	13.6		10.7			12	41						
44231 MUREN	4938N	10010E	1288		866.7	1008.7	14.0		1.1			10	42						
44239 BULGAN	4848N	10333E	1210		876.2	1010.4	13.3		11.0			15	110						
44259 CHOIBALSAN	4804N	11430E	756		922.1	1014.5	17.3		14.1			7	89						
44272 ULIASTAI	4745N	09651E	1753		818.3	1005.6	12.0		8.5			9	84						
44277 ALTAI	4624N	09615E	2147				0.0					6	32						
44288 ARBAIHER	4616N	10247E	1813		814.6	1008.3	12.9		9.2			12	53						
44292 ULAN-BATOR	4756N	10659E	1338		864.5	1007.4	13.6		6.9										
44341 MANDALGOVI	4546N	10617E	1398		855.1	1006.3	16.0		11.1			16	57						
44354 SAINSHAND	4454N	11007E	936		902.2	1002.8	0.0					8	65						
44373 DALANZADGAD	4335N	10425E	1470		848.1	1003.7	19.6		9.8			5	24						
HONG KONG																			
45005 ROYAL OBSERVATORY	2218N	11410E	62		996.3	1003.4	29.5	1.3	31.0	-0.5	9	150	-263	1	200 100				
MACAU																			
45011 MACAO	2212N	11332E	59		996.9	1003.6	30.0	1.7	31.7	0.4	6	74	-242	0					
REPUBLIC OF KOREA																			
47105 KANGNUNG	3745N	12854E	27		1004.3	1007.4	26.3	2.0	25.7	1.8	6	155	-73	2	209 115				
47112 INCHON	3729N	12638E	70		999.2	1007.2	25.7	1.0	26.8	2.2	9	231	-4	4	232 106				
47159 PUSAN	3506N	12902E	71		999.1	1007.2	28.3	2.8	29.7	3.6	4	48	-160	1	217 94				
47165 MOKP'0	3447N	12623E	56		1000.9	1007.3	27.5	1.3	27.6	0.3	8	138	-33	3	250 110				
JAPAN																			
47401 WAKKANAI	4525N	14141E	11		1006.5	1007.8	20.3	1.4	20.2	2.4	12	167	56	5					
47407 ASAHIKAWA	4346N	14222E	116	31	994.8	1008.2	21.8	1.4	20.2	1.6	10	137	-31	3					
47409 ABASHIRI	4401N	14417E	43	31	1003.4	1008.3	20.2	1.6	20.3	2.3	10	136	31	4					
47412 SAPPORO	4303N	14120E	19		1005.9	1008.1	23.1	1.8	21.6	2.0	10	138	3	4					
47420 NEMURO	4320N	14535E	26		1006.2	1009.3	18.1	1.2	19.6	2.1	13	136	22	4					
47426 URAKAWA	4210N	14247E	33	31	1005.0	1008.8	21.0	1.3	22.5	2.4	11	151	1	4					
47582 AKITA	3943N	14006E	10		1006.3	1008.7	25.5	1.5	24.2	0.8	8	117	-69	1					
47585 MIYAKO	3939N	14158E	47		1003.5	1008.9	23.8	1.7	24.1	1.7	6	148	0	4					
47590 SENDAI	3816N	14054E	43		1004.1	1009.0	25.9	2.0	25.2	1.5	5	117	-36	3					
47600 WAJIMA	3723N	13654E	6		1006.9	1008.4	26.2	1.3	26.0	0.9	4	185	-8	3					
47604 NIIGATA	3755N	13903E	6	31	1007.8	1008.6	27.4	1.7	25.0	-0.2	4	85	-70	2	124				
47605 KANAZAWA	3633N	13639E	28	31	1005.2	1008.3	27.9	1.7	25.6	-0.2	4	103	-93	2	127				
47618 MATSUMOTO	3615N	13758E	611		940.7	1007.7	25.8	1.9	20.7	-0.2	5	60	-45	2					
47624 MAEBASHI	3624N	13904E	113	31	995.7	1008.4	28.1	2.6	25.1	0.2	6	159	-13	3					
47636 NAGOYA	3510N	13658E	56	31	1002.5	1008.7	28.4	1.6	25.5	-0.6	6	100	-70	1	125				

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					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAY 1 MM	TOTAL MM	DEPARTURE MM	QUINTILE	TOTAL HR	% OF AV.		
ASIA																		
JAPAN																		
47648 CHOSH1	3543N	14051E	28	31	1006.3	1009.4	26.1	1.3	28.4	1.9	4	67	-48	2				
47655 OMAEZAKI	3436N	13813E	47	31	1003.8	1009.1	27.6	1.5	28.7	0.2	7	154	-61	2				
47662 TOKYO	3541N	13946E	36		1004.7	1008.7	28.6	1.9	26.4	1.2	6	182	45	4				
47678 HACHIJOGIMA	3306N	13947E	80		999.8	1008.8	26.9	0.4	28.8	-0.3	14	328	101	4				
47744 YONAGO	3526N	13321E	8		1006.9	1007.8	27.8	1.6	26.6	0.8	6	74	-79	2	127			
47772 OSAKA	3441N	13531E	50	31	1002.7	1008.2	29.5	1.4	26.0	0.3	5	22	-81	1	123			
47778 SHIONOMISAKI	3327N	13546E	75		1000.3	1008.8	27.3	0.8	29.7	1.0	12	152	-134	2	114			
47800 IZUHARA	3412N	12918E	22	31	1004.4	1006.9	28.0	1.9	30.3	3.3	6	75	-188	1	145			
47807 FUKUOKA	3335N	13023E	14		1005.4	1007.0	29.6	2.3	28.1	1.4	5	8	-170	0	132			
47815 OITA	3314N	13137E	13	31	1006.1	1007.5	28.0	1.4	27.4	0.4	7	150	-34	3				
47817 NAGASAKI	3244N	12952E	35	31	1003.0	1006.9	29.1	1.6	27.1	-0.5	5	38	-158	1	115			
47827 KAGOSHIMA	3134N	13033E	5		1006.3	1006.9	29.0	1.3	29.8	1.4	9	161	-44	2				
47830 MIYAZAKI	3155N	13125E	7	31	1006.8	1007.6	28.2	1.2	29.7	0.7	15	260	-15	3	99			
47893 KOCHI	3333N	13332E	18	31	1006.3	1008.3	27.9	0.8	28.3	0.5	15	428	102	5				
47898 SHIMIZU/ASHIZURI	3243N	13301E	33		1004.4	1008.1	28.0	0.7	30.4	0.9	11	220	-20	3				
47909 NAZE	2823N	12930E	7		1005.0	1005.8	28.6	0.5	31.1	1.7	13	313	-10	3				
47918 ISHIGAKIJIMA	2420N	12410E	7		1001.1	1001.8	29.1	0.5	32.7	1.3	11	390	178	5				
47927 MIYAKOJIMA	2447N	12517E	41	31	997.6	1002.2	28.5	0.7	32.5	1.9	12	326	98	4				
47936 NAHA	2612N	12741E	53		998.4	1004.3	29.0	1.1	31.4	1.1	15	164	-99	2	74			
47945 MINAMIDAITOJIMA	2550N	13114E	15		1004.0	1005.7	28.3	0.5	31.8	1.2	15	287	103	5				
47971 CHICHIJIMA	2705N	14211E	8		1009.5	1010.4	27.5	-0.1	30.1	5	71	-79	0					
47991 MINAMITORISHIMA	2418N	15358E	9		1012.0	1013.0	28.0		29.9	13	87							
BURMA																		
48008 MYITKYINA	2522N	09724E	147		1007.8	1011.2	28.0	0.6	31.5	0.4	13	200	-131	2				
48042 MANDALAY	2159N	09606E	76		998.7	1007.0	30.8	2.0	30.2	-0.9	4	30	-106	0				
48062 AKYAB	2008N	09253E	5		1006.3	1006.9	26.6	-0.2	29.5	-1.8	25	791	-280	1				
48112 VICTORIA POINT	0958N	09835E	47		1007.8	1010.8	25.2	-1.1	30.4	1.4	19	1105	474	6				
THAILAND																		
48327 CHIANG MAI	1847N	09859E	314		970.8	1004.9	28.1	1.1	28.6	-0.8	12	187	-52	2	191	139		
48354 UDON THANI	1723N	10248E	182		984.9	1005.2	28.3	0.3	31.0	0.9	18	345	56	4				
48378 PHITSANULOK	1647N	10016E	45		1004.8	1005.8	29.4	1.1	30.3	-0.7	9	106	-133	1	232			
48400 NAKHON SAWAN	1548N	10010E	35		1001.9	1005.9	29.7	1.1			10	156	-27	2	221			
48431 NAKHON RATCHASIMA	1458N	10205E	188		985.0	1006.0	29.3	1.1	28.1	-1.6		112	-17	3				
48455 BANGKOK	1344N	10034E	20		1004.8	1007.0	29.1	0.6	28.8	-2.5	12	173	-25	3	159			
48462 ARANYAPRATHET	1342N	10235E	49		1001.4	1006.7	29.0	1.1	30.9	-0.7	9	104	-87	1				
48480 CHANTHABURI	1236N	10207E	4		1007.3	1007.7	28.2	1.0	31.9	0.7	19	643	116	4	115			
48500 PRACHUAP KHIRIKHAN	1150N	09950E	5		1007.0	1007.7	29.0	1.0	29.0	-1.0	10	73	-29	2	154			
48517 CHUMPHON	1029N	09911E	5		1008.0	1008.6	28.0	0.8	30.6	0.5	16	196	-6	3	189			
48568 SONGKHLA	0712N	10036E	5		1008.0	1008.7	29.5	1.3	29.2	0.4	4	49	-61	1	232			
VIET NAM																		
48845 VINH	1842N	10540E	6		1002.3	1003.0	29.7		31.2	7	845		554					
CHINA																		
50527 HAILAR	4913N	11945E	611		935.8	1005.3	17.6	0.9	15.2	14	157	66	5	256	95			
50745 QIQIHHAR	4723N	12355E	148		988.2	1005.2	21.4	0.6	18.3	4	115	19	4	264	105			
51076 ALTAY	4744N	09805E	737		926.8	1009.7	19.0	-1.5	11.5	6	24	9	4	324	100			
51431 YINING	4357N	08120E	663		935.2	1009.4	22.1	0.5	13.8	4	21	7	4	337	105			
51463 URUMQI	4347N	08737E	919		907.8	1008.7	22.6	-0.6	9.9	2	4	-15	1	306	100			
51709 KASHI	3928N	07559E	1291		866.8	1003.5	25.0	0.5	14.6	0	T	-7	1	289	100			
51777 RUOQIANG	3902N	08810E	889		906.7	1002.8	26.3	0.3	11.5	1	2	0	4	330	115			
51828 HOTAN	3708N	07956E	1375		856.8	1001.1	25.4	1.3	14.8	0	T	-3	2	292	125			
52203 HAMI	4249N	09331E	739		922.9	1004.4	23.3	-2.5	12.3	1	1	-4	2	341	100			
52533 JIUQUAN	3946N	09829E	1478		849.1	1006.4	20.4	-0.3	11.5	3	8	-9	2	294	105			
52889 LANZHOU	3603N	10353E	1518		845.3		21.0	0.0	15.1	7	130	45	4	266	105			
53068 ERENHOT	4339N	11200E	966		925.9	1005.7	20.5	-0.4	12.7	7	99	63	6	291	100			
53614 YINCHUAN	3829N	10613E	1112		885.7	1006.6	21.5	-0.1	17.2	6	60	4	3	288	105			
54292 YANJI	4253N	12928E	178		987.1	1007.6	22.1	1.0	21.2	9	105	-91	2	192	105			
54342 SHENYANG	4146N	12326E	43		1001.7	1006.9	23.9	0.4	23.4	7	73	-67	1	239	105			
54511 BEIJING	3956N	11617E	55		1000.6	1006.7	25.4	0.9	24.6	12	157	-81	3	199	85			
54857 QINGDAO	3604N	12020E	77		998.1	1006.9	26.0	0.7	28.3	5	137	-39	2	239	110			
56137 QAMDO	3109N	09710E	3307		684.3		14.6	-0.6	11.2	17	89	-25	3	199	100			
56294 CHENGDU	3040N	10401E	508		948.8	1005.3	25.3	0.2	27.3	11	321	87	5	177	100			

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					MEAN STATION mb	MEAN SEA LEVEL mb	MEAN °C	DEPARTURE °C	MEAN mb	DEPARTURE mb	DAYS 1 MM	TOTAL mm	DEPARTURE mm	QUINTILE	
ASIA															
CHINA	0°	0°	3												
56571 XICHANG	2754N	10216E	1599		836.9		22.8	0.6	19.0		10	172	-6	3 243 125	
56739 TENGCHONG	2507N	09829E	1649		832.7		20.4	0.7	20.0		12	59	-194	0 127 105	
56778 KUNMING	2501N	10241E	1892		809.0		20.2	1.1	18.7		9	136	-66	1 201 115	
56985 MENGZI	2323N	10323E	1302		865.5	1004.3	23.6	1.5	20.6		9	38	-104	0 223 145	
57036 XI'AN	3418N	10856E	398		961.9	1006.7	24.8	-1.3	23.6		5	55	-5	3 232 100	
57083 ZHENGZHOU	3443N	11339E	111		993.8	1006.6	25.9	0.0	27.3		6	120	8	4 222 95	
57461 YICHANG	3042N	11118E	134		990.0	1005.1	29.1	1.4	27.4		7	61	-152	1 277 120	
57993 GANZHOU	2551N	11457E	125		989.2	1003.3	29.0	-0.2	29.1		10	153	33	5 233 95	
58367 SHANGHAI	3110N	12126E	7		1004.1	1004.9	28.6	0.9	31.7		12	164	38	4 195 75	
58606 NANCHANG	2836N	11555E	50		998.1	1003.3	29.2	-0.2	30.0		6	78	-17	3 251 95	
59287 GUANGZHOU	2308N	11319E	8		1002.1	1003.0	30.2	2.0	30.0		6	47	-175	1 229 105	
59316 SHANTOU	2324N	11641E	3		1001.7	1002.6	28.5	0.4	30.8		9	650	454	6 208 90	
59431 NANNING	2249N	10821E	73		995.5	1003.8	30.4	2.8	29.9		2	23	-207	0 241 115	
59758 HAIKOU	2002N	11021E	15		1001.7	1003.4	28.9	1.2	32.7		8	98	-119	1 230 105	
AFRICA															
MADEIRA															
08522 FUNCHAL	3238N	01654W	56		1014.3	1020.8	24.2		21.7		1	3	4	250 100	
SPAIN (CANARY ISLANDS)															
60020 SANTA CRUZ DE TENERIFE	2828N	01615W	46		1013.1	1017.3	27.3	2.4	19.5	2.6	0	T	T	4	
WESTERN SAHARA															
60096 VILLA CISNEROS	2342N	01552W	10		1012.1	1013.4	23.0	0.6	24.1	2.4	0	0	-2	0 257 65	
MOROCCO															
60150 MEKNES	3353N	00532W	549		954.5	1015.5	26.5	2.0	17.7	1.4	0	0	-2	0 346 103	
60155 CASABLANCA	3334N	00740W	62		1010.1	1016.7	24.1	1.7	24.6	2.8	0	0	-1	0 326 109	
60230 MARRAKECH	3137N	00802W	466		962.5	1013.9	30.5	2.9	18.3	2.7	0	0	-2	0 304 93	
60250 AGADIR	3023N	00934W	23		1011.8	1014.5	23.4	2.1	21.3	1.9	0	0	0	5 245 92	
60265 OUARZAZATE	3056N	00654W	1140		893.0	1573	Y	28.7	-0.1	10.0	0.4	5	24	20	6 269 95
ALGERIA															
60355 SKIKDA	3656N	00657E	7		1018.0	1018.2	24.8	0.2	24.0	2.0	1	41	32	5 338 99	
60360 ANNABA	3650N	00749E	4		1017.3	1017.8	24.8	-0.3	21.9	-0.7	3	6	-6	3 330 105	
60367 EL-KALA	3654N	00827E	10		1017.4	1018.6	25.5		24.7		1	2			
60390 DAR-EL-BEIDA	3643N	00315E	25		1013.9	1016.8	25.6	0.6	22.4	0.9	0	0	-4	0 358 108	
60402 BEJAIA	3643N	00504E	2		1017.5	1017.8	24.6		24.5		1	3		119 80	
60419 CONSTANTINE	3617N	00637E	694		1017.0	1017.0	23.5	-1.5	17.1	2.5	3	26	16	5 332 102	
60425 CHELIF	3613N	00120E	143		999.5	1015.6	29.8		16.4		1	1		374	
60430 MILIANA	3618N	00214E	715		937.1	1016.2	26.8	-0.1	15.6		1	3	-1	4 376	
60444 BORDJ BOU ARRERIDJ	3604N	00446E	928		915.2		24.2		12.8		3	19			
60445 SETIF	3611N	00525E	1081		904.2	1574	Y	23.5		13.8	4	14		345 80	
60457 MOSTAGANEM	3553N	00007E	137		999.5	1015.6	26.3		22.3		1	1		353 85	
60467 M'SILA	3540N	00430E	441		964.7	1013.6	28.7		16.7		0	0		345 85	
60490 ORAN/ES SENIA	3538N	00036W	90		1006.1	1016.5	25.5	0.1	22.8	2.0	0	0	-1	0 344 106	
60511 TIARET	3515N	00126E	1127				25.4		10.9		0	T		354 85	
60515 BOU-SAADA	3520N	00412E	461		964.2	1014.9	29.1		13.2		1	2		108 80	
60518 BENI-SAF	3518N	00121W	68		1007.4	1015.5	26.0		26.4		0	0		322 80	
60522 MAGHNIA	3449N	00147W	426		968.6	1016.4	26.6		19.4		1	2			
60525 BISKRA	3448N	00544E	87		1005.7	1015.6	31.1	-1.3	16.4	0.8	4	30	28	6 349 99	
60531 TLEMCEN (ZENATA)	3501N	00128W	247		988.3	1015.5	26.4		20.1		0	T		326 80	
60535 DJELFA	3441N	00315E	1144		890.2	1547	Y	24.5		12.1	1	10	-1	3 326 80	
60540 EL KHEITER	3409N	00004E	1000		905.7	1555	Y	26.5		11.4	3	8		324 80	
60550 EL BAYADH	3340N	00100E	1341				30.9		20.2		1	13		358 85	
60559 EL DUED	3330N	00607E	63		1008.5	1015.6	31.1		19.8		2	211		346 85	
60560 AIN SEFRA	3246N	00036W	1058		899.1	1552	Y	28.4		11.6					
60566 GHARDAIA	3223N	00349E	450		963.4	1014.7	31.6		14.4		1	5		347 85	
60571 BECHAR	3137N	00214W	773		925.5	1565	Y	33.0	0.1	8.8	-2.5	0	T	-4	3 337 99
60581 HASSI-MESSAOUD	3140N	00609E	142		998.2	1014.3	32.4		15.5		0	0			
60590 EL GOLEA	3034N	00252E	397		969.6	1013.6	32.9	0.1	12.9	0.0	0	0	-1	0 355 97	
60607 TIMIMOUN	2915N	00017E	312				43.5		9.0		0	0	-1	4 344 170	
60611 IN AMENAS	2803N	00938E	562		950.8	1011.9	31.3	0.1	9.5	-0.2	0	0	-1	0 364 103	
60620 ADRAR	2753N	00017W	263		979.9	1010.8	36.0	0.2	8.4	-1.3	0	T	-1	4 346 94	

AFRICA—ALGERIA

SURFACE

AUGUST 1990

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE		
					MEAN STATION mb	MEAN SEA LEVEL mb	MEAN °C	DEPARTURE °C	MEAN mb	DEPARTURE mb	DAYS 1 MM	TOTAL mm	DEPARTURE mm	QUINTILE	TOTAL hr	% OF AV.
AFRICA																
ALGERIA	0°	0°	m	m	mb	mb	°C	°C	mb	mb	m	m	m	hr	%	
60630 IN SALAH	2712N	00228E	293	981.5	1010.9	36.2	-0.2	10.6	0.8	0	0	0	0	361	100	
60640 ILLIZI	2630N	00825E	558	953.0	1011.9	32.8	5.9			0	0	0	0			
60656 TINDOUF	2740N	00808W	431	962.5	1010.1	36.6	2.6			0	0	-2	4	363	98	
60670 DJANET	2433N	00928E	1054	906.7	1540 Y	30.0	7.7			0	0	-12	2	291	95	
60680 TAMANRASSET	2247N	00531E	1378	867.2	1540 Y	28.6	0.6	7.4	-0.6	1	1	-12	2	291	95	
NIGER																
61024 AGADEZ	1658N	00759E	502	953.9	1008.6	31.5	0.9	18.8	0.0	6	41	-26	2	321	115	
61036 TILLABERY	1412N	00127E	210	987.5	1010.9	30.2	1.9	26.5	-0.8	7	155	-4	3	287	110	
61043 TAHOUA	1454N	00515E	391	957.3	1010.5	29.0	1.1	24.1	-0.7	7	114	-14	3	246	95	
61045 GOURE	1359N	01018E	460	951.4	1009.8	29.6		22.4		6	71	1	275			
61049 N'GUIGM1	1415N	01307E	286	977.7	1009.4	29.9	1.2	24.9	-0.7	8	82	-57	2	265	110	
61052 NIAMEY-AERO	1329N	00210E	227	985.7	1011.0	29.1	1.8	26.9	1.2	6	75	-123	0	291	130	
61075 BIRNI-N'KONNI	1348N	00515E	273	980.4	1010.8	28.3	1.2	27.4	-0.1	8	60	-136	1	255	105	
61080 MARADI	1328N	00705E	373	968.1	1009.4	27.4	1.0	26.4	0.0	10	107	-102	1	254	110	
61090 ZINDER	1347N	00859E	453	960.7	1010.5	28.9	2.2	24.1	-0.1	6	632	424	6	251	105	
61091 MAGARIA	1259N	00856E	403	967.1	1011.7	28.0		25.3		4	50		0	257		
61096 MAINE-SOROA	1314N	01159E	337	972.9	1010.3	28.5	1.4	25.5	0.1	6	76	-82	1	260	105	
61099 GAYA	1153N	00327E	203	988.6	1011.3	26.8	0.5	28.1	-0.7	13	212	-22	3	267	130	
MALI																
61202 TESSALIT	2012N	00059E	491	955.3	1008.0	35.0	2.0	12.3	-2.8	1	5	-31	1			
61230 NIRO DU SAHEL	1514N	00921W	237	984.6	1011.0	29.6	1.9	26.9	0.7	8	93	-112	1	254		
61233 NARA	1510N	00717W	265	981.9	1011.4	28.8		26.1		5	37	-128	0	258		
61240 HOMBORI	1520N	00141W	288	978.5	1001.0	31.3	2.1	21.9	-3.8	8	104	-49	2	274		
61270 KITA	1304N	00928W	334	975.3	1012.8	25.5	0.0	26.9	-0.2	14	187	-119	1	226	130	
61272 SEGOU	1324N	00609W	289	979.7	1011.9	27.3	1.1	28.3	0.8	10	217	-18	3	246	109	
61277 SAN	1320N	00450W	284	980.4	1012.0	27.5	0.9	27.3	-0.1	11	130	-109	1	250		
61285 KENIEBA	1251N	01114W	132			26.3	-0.1	28.9	0.5	18	269	-99	2	203	130	
61291 BAMAKO/SENOU	1232N	00757W	381	970.1	1012.6	26.0	0.2	26.3	-0.4	13	187	-117	1	210		
61293 KOUTIALA	1223N	00528W	367	971.0	1011.9	26.1	0.7	26.9	0.4	13	224	-57	2	241		
61296 BOUGOUNI	1125N	00730W	351	973.3	1012.4	25.1	-0.2	26.7	0.1	10	302	-1	3	182	90	
MAURITANIA																
61404 ZOUERATE	2245N	01229W	343	972.9	1010.2	27.5		1.6		0	0			356		
61415 NOUADHIBOU	2056N	01702W	3	1012.6	1013.1	24.6	1.0	24.8	3.5	0	T	-2	3	199		
61421 ATAR	2031N	01304W	224	985.9	1010.5	34.7	0.8	17.9	2.2	3	31	8	4	239		
61450 TIDJIKJA	1834N	01126W	402	966.7	1010.6	32.9	1.2	20.3	1.7	3	44	-7	3	244		
61461 BOUTILIMIT	1732N	01441W	75	1004.3	1012.8	30.4	0.2	26.3	1.7	3	45	-34	3	258		
61489 ROSSO	1630N	01549W	6	1012.9	1013.6	29.5	0.4	28.7	1.6	5	83	-4	3			
61492 KAEDI	1609N	01331W	18	1012.1	1014.0	29.3		25.6		8	67	1				
61497 NEMA	1636N	00716W	269			31.7	1.9	26.8	2.8	5	33	-91	1	232		
61499 AIOUN EL ATROUSS	1642N	00936W	223	985.5	1010.3	31.9	1.2	23.0	0.0	8	52	-18	2	253		
SENEGAL																
61600 SAINT-LOUIS	1603N	01627W	4	1012.6	1013.1	28.3	0.5	32.1	2.4	6	522	417	6	254	55	
61612 PODOR	1639N	01458W	7	1011.9	1012.7	30.4	0.5	27.8	2.0	7	52	-39	2	249		
61627 LINGUERE	1523N	01507W	21	1010.4	1012.7	29.3	0.8	29.0	1.0	8	101	-48	2	269	55	
61630 MATAM	1539N	01315W	17	1010.4	1012.3	25.0	-3.8	27.5	-0.4	9	172	16	4	246		
61641 DAKAR/YOFF	1444N	01730W	24	1010.3	1013.5	27.6	0.4	29.6	0.1	8	100	-87	1	253		
61666 DIOURBEL	1439N	01614W	9	1011.6	1012.6	28.8	0.7	30.2	0.8	13	122	-96	1	270		
61679 KAOLACK	1408N	01604W	7	1013.3	1014.1	22.7	-5.2	32.0	1.9		184	-66	2	259		
61687 TAMBAKOUDA	1346N	01341W	50	1007.5	1013.2	27.1	0.4	29.3	1.9	13	206	-44	2	278		
61695 ZIGUINCHOR	1233N	01616W	23	1011.1	1013.7	26.6	0.3	30.4	1.2	23	599	136	5			
61698 KOLDA	1253N	01458W	10			27.1	0.1	29.4	-0.1	24	203	-155	1	209		
61699 KEDOUGOU	1234N	01213W	167	993.3	1012.1	26.2	-0.5	28.1	-0.1	16	300	-26	3	238		
SIERRA LEONE																
61856 LUNGI	0837N	01312W	27	31	1010.7	1013.6	25.6	0.4	28.6	0.3	25	761	-35	3		
61866 BONTHE	0732N	01230W	8	31	1013.2	1014.1	25.9	0.6	29.8	1.1	28	703	-25	3		
61878 NJALA	0806N	01206W	56	31	1004.8	1011.1	25.4	0.5	28.4	0.4	22	414	-104			
61886 KABALA	0935N	01133W	464	31	960.6	1012.5	24.5	0.6	25.2	-0.1	25	397	41	4		
61891 DARU	0759N	01051W	186	31	991.4	1012.7	26.1	1.1	27.9	0.6	23	339	-12	3		

AFRICA-U KINGDOM

SURFACE

AUGUST 1990

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE		
					MEAN STATION	MEAN SEA LEVEL	MEAN °C	DEPARTURE °C	MEAN	DEPARTURE	MEAN	DEPARTURE	MEAN	TOTAL hr		
AFRICA	0°	0°	m	m b	m b	m b	°C	°C	m b	m b	m m	m m	m m	%		
UNITED KINGDOM (OCEAN IS.)																
61901 ST. HELENA IS.	1556S	00540W	436		969.8	1021.0	16.6	2.1	15.4		11	40	-36	1	64	
FRANCE (OCEAN ISLANDS)																
61968 ILES GLORIEUSES	1135S	04717E	4		1018.1	1018.6	24.9	0.4	22.1	0.9	9	44	-6	3	281	
61970 ILE JUAN DE NOVA	1703S	04242E	10		1017.7	1018.9	24.9	0.5	23.8	0.7	3	27	26	6	268	
61972 ILE EUROPA	2219S	04020E	13		1019.7	1021.2	22.1	0.5	19.0	0.1	3	15	9	5	287	
61976 SERGE-FROLOW (ILE TROMELIN)	1553S	05431E	13		1017.3	1018.7	24.0	0.7	22.5	0.9	13	40	-21	3	264	
61980 SAINT-DENIS/GILLOT (REUNION)	2053S	05531E	25		1019.3	1022.2	21.1	0.3	18.0	0.6	13	49	-12	3	234	
MAURITIUS																
61974 AGALEGA	1026S	05645E	3		1014.8	1015.1	25.2	0.3	24.3	-0.5	10	52	-17	3		
61986 ST. BRANDON (ST. RAPHAEL)	1627S	05937E	4		1018.4	1018.7	23.1	0.0	22.9	-0.1	15	45	-6	3		
61988 RODRIGUES	1941S	06325E	59		1015.3	1021.6	21.7	0.3	20.3	1.1	17	83	18	4	241	
61990 PLAISANCE (MAURITIUS)	2026S	05740E	57		1015.8	1021.7	21.3	0.7	19.3	-0.1	15	72	-15	3	223	
LIBYAN ARAB JAMAHIRIYA																
62010 TRIPOLI INTL AIRPORT	3240N	01309E	81		1006.7	1015.8	27.1	-0.4	22.2	2.2	0	0	0	0	354	
62124 SEBHA	2701N	01426E	432		965.1	1013.1	31.0	0.8	13.7	0.8	0	0	0	0	371	
62271 KUFRA	2413N	02318E	435		966.5	1011.4	30.3	-0.1	9.5	-0.1	0	0	0	5	375	
EGYPT																
62306 MERSA MATRUH	3120N	02713E	30		1008.8	1012.1	24.9	-0.6	22.6	-1.0	0	0	-1	5	359	
62366 CAIRO	3008N	03124E	74		1001.3	1010.0	27.7	-0.2	26.4	5.6	0	0	0	5	95	
62378 HELWAN	2952N	03120E	141		994.7	1011.0	27.5	-0.4	5.6	-13.1	0	0	0	5	345	
62414 ASSWAN	2358N	03247E	194		984.5	1006.3	32.3	-1.4	14.5	5.3	0				388	
62432 DAKHLA	2529N	02900E	111		999.2	1011.9	30.8	0.5	14.0	3.4	0	0	0	5		
SUDAN																
62660 KARIMA	1833N	03151E	249		977.7	1006.5	34.2	1.2	9.1	-4.5	0	0	-21	0	352	
62680 ATBARA	1742N	03358E	345		967.0	1004.9	34.8	2.4	11.4	-6.2	0	0	-35	0		
62721 KHARTOUM	1536N	03233E	380	31	963.3	1007.3	34.6	4.7	14.1	-7.3	0	0	-76	0		
62752 GEDAREF	1402N	03524E	599		941.4	1007.4	27.3	1.5	22.0	-2.0	8	73	-108	0		
62771 EL OBEID	1310N	03014E	574		945.3	1008.3	29.9	4.1	19.4	-3.9	2	17	-123	1		
62772 KOSTI	1310N	03240E	381		965.8	1008.3	29.2	2.9	22.4	-3.3	7	22	-127	0	299	
62795 ABU NA'AMA	1244N	03408E	445		958.3	1007.5	27.7	2.6	28.0	9	114	-66	1		110	
62805 DAMAZINE	1147N	03423E	470	31	956.3	1008.6	27.3	2.3	26.1	0.7	12	281	113	6		
62840 MALAKAL	0933N	03139E	388		986.3	1011.1	30.0	5.0	25.5	-0.6	13	.135	-24	2	151	
ETHIOPIA																
63021 ASMARA	1517N	03855E	2325	31	772.4		17.3	0.6	13.5	-0.9	6	23	-130	0	112	
63331 GONDAR	1232N	03726E	1966	31	805.3		17.1	-0.9	16.1	-0.3	22	235	-83	1		
63402 JIMMA	0740N	03650E	1577	31	834.0		19.2	0.9	17.2	0.5	23	267	60	5		
63450 ADDIS ABABA	0859N	03848E	2324		774.1		16.0	0.9	11.9		30	268	4	3	109	
63471 DIRE DAWA	0936N	04152E	1146	31	884.4		27.1	1.5	16.3	-1.4	12	83	-29	2		
DJIBOUTI																
63125 DJIBOUTI	1133N	04309E	19		1000.8	1002.9	34.9	0.7	28.4	2.4	1	7	-1	4	286	
UNITED REPUBLIC OF TANZANIA																
63756 MWANZA	0228S	03255E	1140		888.6	1524	Y									
63894 DAR ES SALAAM AIRPORT	0652S	03912E	55		1012.2	1018.5	23.6	-0.1	22.4	1.4	2	7	-18	2		
63962 SONGEA	1041S	03535E	1067		901.8	1574	Y	18.9	0.3	13.8	1.1	0	0	0	0	
63971 MTWARA	1016S	04011E	113		1005.3	1018.2	23.8		22.1		0	0	0	0		
SEYCHELLES																
63980 SEYCHELLES INTL AIRPORT	0440S	05531E	3		1013.2	1013.6	26.2	0.3	26.5		3	15	-64	0	264	
RWANDA																
64387 KIGALI	0158S	03007E	1497		852.5	1519	Y	21.6		14.8		3	14			
CONGO																
64401 LOUBOMO	0412S	01242E	330		978.2	1015.6	21.9	0.0	20.9	0	0	0	0	0	93	
64402 MOUYONDZI	0359S	01355E	512		955.7	1012.8	21.2	-0.4	21.1	0.8	0	0	-1	0	90	
64403 MAKABANA	0329S	01237E	161		995.6	1013.9	23.0	-0.2	22.8	0.3	0	T	-3	4	63	
64405 SIBITI	0341S	01321E	531		954.2	1011.3	20.6	0.3	21.0	0.3	1	2	0	4		

AFRICA-CHAD

SURFACE

AUGUST 1990

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE			
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	DEPARTURE	QUINTILE	TOTAL	% OF AV.	
AFRICA	0°	0°	3	mb	mb	°C	°C	mb	mb	mb	b	b	b	b	b	%	
CHAD																	
64700 NDJAMENA	1208N	01502E	295									83	-138	0			
64706 MOUNDOU	0837N	01604E	422									144	-164	1			
64750 SARH	0909N	01823E	365									175	-109	1			
64754 AM-TIMAN	1102N	02017E	436									152	-138	1			
64756 ABECHE	1351N	02051E	549									48	-152	1			
BENIN																	
65306 KANDI	1108N	00256E	292	31	979.6	1012.3	26.4	1.1	27.4	0.0	12	166	-127	1			
65319 NATITINGOU	1019N	00123E	461	31	961.8	1013.2	24.7	0.6	26.3	0.7	18	256	-18	3			
65330 PARAKOU	0921N	00237E	393	31	969.1	1013.1	24.5	0.4	25.6	0.1	11	156	-34	2			
65335 SAVE	0759N	00226E	200		961.5	1013.2	24.2	-0.3	26.4	0.4	17	219	90	4	151		
65338 BOHICON	0710N	00204E	167	31	994.8	1013.8	24.6	-0.2	26.7	1.0	5	69	-26	2			
65344 COTONOU	0621N	00223E	9	31	1013.1	1014.1	24.7	-0.6	26.8	-1.0	0	0	-47	0			
TOGO																	
65352 MANGO	1022N	00028E	146		996.0	1012.5	26.2	0.8	29.4	1.0	12	232	-16	2			
65361 SOKODE	0859N	00109E	387		969.6	1013.7	24.3	0.1	27.3	1.4	17	305	41	4	123	115	
65376 ATAKPAME	0735N	00107E	402		968.0	1013.7	23.6	0.1	26.4	1.0	12	191	24	4	113	115	
65380 TABLIGBO	0635N	00130E	44		1008.3	1013.4	25.2	0.3	26.2	-0.5	3	43	-19	3			
65387 LOOME	0610N	00115E	25		1011.5	1014.3	24.7	-0.1	27.2	0.6	2	15	-11	4	189	130	
BURKINA FASO																	
65501 DORI	1402N	00002W	277		980.3	1011.1	29.2	1.5	27.4	0.6	11	183	-4	3	294		
65502 OUAHIGOUYA	1334N	00225W	336		973.9	1011.3	28.0	1.0	24.9	-1.9	11	97	-112	1	293		
65503 OUAGADOUGOU	1221N	00131W	306		978.0	1012.1	27.3	1.2	27.0	0.2	11	197	-51	2	250	130	
65507 FADA N'GOURMA	1202N	00022E	309		977.5	1012.2	26.3	0.7	26.9	0.0	14	169	-104	1	243		
65510 BOBO-DIOULASSO	1110N	00419W	460		961.6	1012.9	24.8	0.1	25.8	0.3	17	306	-13	3	172		
65516 BOROMO	1145N	00256W	271		981.9	1012.3	26.8	0.9	27.2	0.4	10	95	-161	0	211		
65522 GAOUA	1020N	00311W	335		975.2	1012.8	25.3	0.0	26.3	0.1	11	171	-47	2	191		
ZAMBIA																	
67475 KASAMA	1013S	03108E	1384		866.2	1543	Y	18.6	-0.3	10.6	0.2	0	0	0	0	5	
67633 MONGU	1515S	02309E	1053		899.7	1541	Y	21.1	0.7	8.7	0.3	0	0	-1	0	319	102
67663 KABWE	1427S	02828E	1207		885.2	1552	Y	18.2	-0.1	9.1	-0.4	0	0	-2	5		
67743 LIVINGSTONE	1749S	02549E	986		908.3	1555	Y	19.8	0.8	8.1	-0.2	0	0	-1	5	323	103
MALAWI																	
67586 KAMUZU INTL.	1347S	03346E	1229	31	883.9	1553	Y	16.5		11.4							
ZIMBABWE																	
67964 BULAWAYO (GOETZ OBSY.)	2009S	02837E	1344		872.7	1567	Y	16.4	0.1	8.3	0.8	0	0	-2	0	307	102
SOUTH AFRICA																	
68174 PIETERSBURG	2352S	02927E	1200		889.1	1578	Y	13.7	-0.3	8.2	-0.4	0	0	-4	3	293	102
68262 PRETORIA	2544S	02811E	1300		878.5	1578	Y	14.8	1.0	6.7	-0.7	0	1	-6	2	303	99
68424 UPINGTON	2824S	02116E	800		930.2	1562	Y	15.5	2.2	4.9	-1.2	0	0	-3	0	317	103
68438 KIMBERLEY	2848S	02446E	1200		888.5	1571	Y	13.1	0.5	5.3	-0.7	2	8	0	4	297	99
68442 BLOEMFONTEIN (J.B.M. HERTZOG)	2906S	02618E	1400		867.7	1571	Y	10.6	0.7	5.2	-0.9	3	16	5	5	294	100
68461 BETHLEHEM AIRPORT	2815S	02820E	1700		837.5	1578	Y	9.0		5.5		1	13			290	105
68476 LADYSMITH	2834S	02946E	1100		899.1	1571	Y	13.0		7.8		4	39			256	95
68588 DURBAN (LOUIS BOTHA)	2958S	03057E	8		1022.8	1024.4		17.9	0.6	14.5	-0.4	6	110	59	5	191	87
68816 CAPE TOWN (O.F. MALAN)	3359S	01836E	42		1017.7	1023.5		12.3	0.1	10.7	-0.5	7	44	-35	1	238	114
68828 GEORGE AIRPORT	3400S	02232E	193		999.7	1023.3		12.8	0.3	11.1		8	43	-39	2	189	90
68842 PORT ELIZABETH	3359S	02536E	60		1015.8	1023.1		14.8	0.9	12.4	0.4	8	37	-38	1	192	81
68858 EAST LONDON	3302S	02750E	125		1008.1	1023.1		15.6	0.3	10.0	-2.2	27	61	7	4	212	93
68994 MARION ISLAND	4653S	03752E	22		1007.4	1010.1		4.4	1.0	7.0	0.4	23	182	-8	3	78	104
N AMERICA																	
USA																	
70026 BARROW/W. POST W. ROGERS, AK.	7118N	15647W	4		1013.8	1014.2		2.9	-0.4	6.6	-0.4	5	30	5	4		
70086 BARTER ISLAND, AK.	7008N	14338W	15					4.4	0.5			0	0	-27	0		
70133 KOTZEBUE, RALPH WIEN, AK.	6652N	16238W	5		1009.2	1009.9		13.9	2.9	12.3	1.0	9	84	32	5		
70200 NOME, AK.	6430N	16526W	7		1008.0	1008.7		12.7	2.7	12.1	2.1	13	110	31	4		
70219 BETHEL/BETHEL AIRPORT, AK.	6047N	16148W	46		1005.8	1011.4		13.0	1.4	11.8	1.8	12	72	-16	2		

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STATION	LATITUDE	LONGITUDE	ELEVATION	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE			
				MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAY'S 1 MM	TOTAL MM	DEPARTURE	QUINTILE	TOTAL hr	% OF AV.	
N AMERICA																
USA	0°	0°	#	mb	mb	°C	°C	mb	mb	mm	mm	mm	mm	hr	%	
70231 MCGRATH, AK.	6258N	15537W	103	999.5	1012.1	14.2	1.8	11.4	0.9	14	86	16	4			
70261 FAIRBANKS/INTL, AK.	6449N	14752W	138	994.4	1011.3	15.6	2.0	12.3	2.4	11	91	44	5			
70273 ANCHORAGE/INTL, AK.	6110N	15001W	40	1007.7	1012.6	14.4	1.1	12.4	0.9	10	48	-6	3			
70308 ST. PAUL, AK.	5709N	17013W	9	1007.8	1008.9	9.4	0.6	11.0	0.4	13	87	9	4			
70316 COLD BAY, AK.	5512N	16243W	31	1010.1	1013.9	11.2	0.5	12.3	0.7	11	73	-22	2			
70326 KING SALMON, AK.	5841N	15639W	15			13.3	1.1				18	51	-29	1		
70361 YAKUTAT, AK.	5931N	13940W	9	1013.2	1014.4	13.3	1.6	13.2	2.2	14	474	218	5			
70398 ANNETTE ISLAND, AK.	5502N	13134W	34			16.2	1.6	14.9	2.2	17	147	-39	2			
72201 KEY WEST/INTL, FL.	2433N	08145W	6	1016.1	1016.8	29.8	0.5	29.6		10	204	100	5	326	105	
72202 MIAMI, FL.	2549N	08017W	4	1017.0	1017.4	28.7	0.5	28.8	0.4	18	281	103	5	296	105	
72203 WEST PALM BEACH/INTL, FL.	2641N	08007W	6	1016.2	1017.0	28.7		29.1		15	168		4			
72205 ORLANDO/JETPORT/ FL.	2826N	08119W	32	1013.5	1017.4	28.6		27.8		14	96					
72206 JACKSONVILLE/INTL, FL.	3030N	08142W	9	1015.9	1017.0	28.2	0.5	27.0	-0.2	10	97	-99	1	317	133	
72207 SAVANNAH/MUNICIPAL, GA.	3208N	08112W	15	1014.7	1016.5	28.0		26.8		11	184	4	249	100		
72208 CHARLESTON/MUN., SC.	3254N	08002W	15	1015.7	1017.4	27.8	1.1	28.6	2.6	14	126	-39	2	205	75	
72211 TAMPA/INTL, FL.	2758N	08232W	3	1016.9	1017.3	28.8		28.9		12	83	1	251	100		
72214 TALLAHASSEE/MUN., FL.	3023N	08422W	21	1014.0	1016.5	28.4		27.3		12	174	3				
72217 MACON/LEWIS B. WILSON, GA.	3242N	08339W	110	1003.7	1016.5	28.4	1.3	24.5		7	31	-63	0	357	130	
72218 AUGUSTA/BUSH FIELD, GA.	3322N	08158W	45	1011.0	1016.2	27.8		26.8		9	164	5				
72219 ATLANTA/MUN., GA.	3339N	08425W	315	980.7	1016.8	27.0	1.8	23.4	0.1	9	118	23	4	297	108	
72223 MOBILE/BATES FIELD, AL.	3041N	08815W	67	1008.8	1016.6	28.4	0.8	25.5		6	37	-139	0			
72226 MONTGOMERY/DANNELLY, AL.	3218N	08624W	62	1009.4	1016.5	29.3		25.1		6	24	1	281	110		
72231 NEW ORLEANS, LA	2959N	09015W	9	1016.0	1017.1	28.3	0.3	26.5	-1.0	7	62	-103	1	248	100	
72234 MERIDIAN/KEY, MS.	3220N	08845W	94	1006.0	1017.0	28.1		23.7		3	41	2				
72235 JACKSON/ALLEN C. THOMP., MS.	3219N	09005W	101	1005.2	1016.8	27.9		24.3		2	16			322	120	
72240 LAKE CHARLES/MUN., LA.	3007N	09313W	10	1015.8	1016.9	28.2		27.6		8	24			292		
72242 GALVESTON, TX.	2918N	09448W	16	1015.2	1017.2	29.7	1.3	28.7		4	5	-112	0			
72243 HOUSTON/INTERCONTINENTAL, TX.	2958N	09521W	33	1012.5	1016.3	29.5		24.8		1	8			324	120	
72248 SHREVEPORT/REG., LA.	3228N	09349W	79	1007.4	1016.6	28.5	0.6	24.6		5	73	-10	3	313	110	
72250 BROWNSVILLE/INTL, TX.	2554N	09726W	6	1015.2	1015.9	29.7	0.7	28.0	0.8	6	73	1	3	306	100	
72251 CORPUS CHRISTI/INTL, TX.	2746N	09730W	13	1014.2	1015.9	29.8		27.8		4	18	2	284	95		
72253 SAN ANTONIO/INTL, TX.	2932N	09828W	242	988.4	1015.8	29.6	0.9	24.2	0.4	2	33	-46	2	269	90	
72254 AUSTIN/ROBERT MUELLER, TX.	3018N	09742W	189	994.3	1015.9	30.1		23.6		1	8			1	311	105
72255 VICTORIA/VICTORIA REG., TX.	2851N	09655W	36	1012.7	1016.8	29.6		27.8		4	37					
72256 WACO/MADISON-COOPER, TX.	3137N	09713W	155	997.7	1015.4	30.6		22.6		4	27	3				
72259 DALLAS-FORT WORTH/FORT., TX.	3254N	09702W	182	994.9	1015.7	29.2		22.9		5	60	4	325	105		
72263 SAN ANGELO/MATHIS, TX.	3122N	10030W	582	949.9	1015.3	26.7		19.8		3	27	3				
72265 MIDLAND/MIDLAND REG., TX.	3157N	10211W	872	918.1	1014.6	25.9	-1.6	18.7		4	55	18	4	271		
72266 ABILENE, TX.	3225N	09941W	534	954.1	1015.5	27.8	-0.6	19.5	0.3	4	20	-43	2	310	100	
72267 LUBBOCK/LUBBOCK INTL, TX.	3339N	10149W	988	906.1	1014.9	25.8		17.5		5	46	3	313	95		
72270 EL PASO/INTL, TX.	3148N	10624W	1194	884.0	1013.4	24.9	-2.1	17.0	2.7	4	50	19	4	351	105	
72274 TUCSON/INTL, AZ.	3207N	11056W	779	926.1	1012.0	28.1		16.7		9	69	4	296	85		
72278 PHOENIX/SKY HARBOR INTL, AZ.	3326N	11201W	337	972.7	1010.6	32.7	0.5	17.0	0.8	5	69	43	5	371	100	
72290 SAN DIEGO/LINDBERGH, CA.	3244N	11710W	9	1013.2	1014.2	22.0	-0.2	19.2	0.2	0	0	-3	0			
72295 LOS ANGELES/INTL, CA.	3356N	11824W	32	1010.6	1014.3	20.9		18.5		1	1					
72304 CAPE HATTERAS, NC.	3516N	07533W	3	1017.0	1017.4	26.5	0.7	26.5	-0.7	10	82	-73	2	298	115	
72306 RALEIGH/RALEIGH-DURHAM, NC.	3552N	07847W	134	1002.3	1018.0	25.6		24.1		10	67	2	157	60		
72308 NORFOLK/INTL, VA.	3654N	07612W	9	1016.0	1017.0	25.6		25.7		13	301	6	251	80		
72310 COLUMBIA, SC.	3357N	08107W	69	1008.6	1016.5	27.6	0.6	26.1		10	165	21	4	195	70	
72312 GREENVILLE/G-SPARTANBURG, SC.	3454N	08213W	296	983.1	1017.1	25.8		23.7		12	158			263	105	
72314 CHARLOTTE/DOUGLAS, NC.	3513N	08056W	234	990.0	1017.0	26.7		22.8		10	88	3	230	80		
72315 ASHEVILLE/REG., NC.	3526N	08233W	661	943.9	1018.6	23.3	0.6	21.7	0.2	11	198	87	5	178	75	
72317 GREENSBORO/G.-HIGH PT., NC.	3605N	07957W	270	986.4	1017.7	25.2		21.9		5	51	1	269	105		
72324 CHATTANOOGA/LOVELL FIELD, TN.	3502N	08512W	210	992.5	1016.8	26.8		23.2		6	58	2	251	100		
72326 KNOXVILLE/MUN., TN.	3549N	08359W	299	982.8	1017.2	25.5		22.9		6	77	3	289	105		
72327 NASHVILLE/OLD HICKORY, TN.	3615N	08634W	180	995.7	1017.1	26.4	0.6	20.9	-2.4	2	79	-7	3	195	75	
72340 N. LITTLE ROCK/MUN.APRT., AR.	3450N	09215W	165	998.0	1017.1	27.6	0.4	23.1	-0.2	5	82	4	4	289	105	
72344 FORT SMITH/MUN., AR.	3520N	09422W	141	1000.4	1016.7	27.8		24.0		5	91	4	289	100		
72353 OKLAHOMA CITY/W.R.WORLD, OK.	3524N	09736W	397	970.7	1016.1	27.6	0.3	21.9	1.6	7	80	19	4	361	110	
72356 TULSA/INTL, OK.	3612N	09554W	206	992.3	1016.0	28.6		22.0		7	47	2	346	115		
72365 ALBUQUERQUE/INTL, NM.	3503N	10637W	1620	841.4	1014.4	23.2	-1.4	12.1	0.0	11	46	8	4	307	97	
72386 LAS VEGAS/MCCARRAN, NV.	3605N	11510W	664	936.3	1010.8	31.0	-0.1	10.2	-0.2	0	0	-14	0	359	98	
72389 FRESNO/AIR TERM., CA.	3646N	11943W	100	1001.5	1013.1	27.0		15.6		0	0	3	409	105		
72394 SANTA MARIA/PUBLIC, CA.	3454N	12027W	73	984.7	1015.7	18.7	1.2	15.9	1.8	0	-1	0				
72401 RICHMOND/BYRD, VA.	3730N	07720W	54	1011.4	1017.7	24.5		23.6		6	171	4	271	95		

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE		
					MEAN STATION mb	MEAN SEA LEVEL mb	MEAN °C	DEPARTURE mb	MEAN	DEPARTURE	MEAN 1 MM	DEPARTURE	TOTAL mm	QUINTILE	
N AMERICA															
USA	0°	0°	m.												
72405 WASHINGTON/NAT., VA.	3851N	07702W	20	1015.4	1017.8	24.7	-0.6	22.3	-0.4	8	171	57	4	185	65
72406 BALTIMORE/B-WASHINGTON, MD.	3911N	07640W	47	1012.3	1017.6	23.7		22.1		10	157	4			
72407 ATLANTIC CITY, NJ.	3927N	07434W	20	1014.1	1016.6	23.0		23.5		12	151	4	4	263	100
72408 PHILADELPHIA/INTL, PA.	3953N	07515W	9	1016.8	1017.8	24.3	0.7	22.6		12	103	4	4	212	80
72411 ROANOKE/MUN., VA.	3719N	07958W	358	976.3	1017.7	23.7		21.9		10	112	4			
72412 BECKLEY/RALEIGH CTY.MUN), WV.	3747N	08107W	766	932.2	1018.6	21.1		19.1		6	89				
72414 CHARLESTON/YEAGER AP, WV.	3822N	08136W	299	983.3	1018.1	23.4		20.9		6	65	2			
72421 CINCINNATI/GREATER CIN., OH.	3903N	08440W	267	987.1	1018.3	23.2	-0.7	20.1		7	144	63	5	220	85
72422 LEXINGTON/BLEU GRASS, KY.	3802N	08436W	301	982.4	1017.4	23.2		21.1		7	111	4			
72423 LOUISVILLE/STANDIFORD, KY.	3811N	08544W	149	999.5	1017.2	25.3		20.7		7	82	3	274	100	
72425 HUNTINGTON/TRI-STATE, WV.	3822N	08233W	255	987.8	1017.5	23.2		21.5		7	94				
72428 COLUMBUS/PORT COLUMBUS, OH.	4000N	08352W	254	988.7	1018.4	22.5	-0.7	19.5	1.3	7	47	-52	1	175	75
72429 DAYTON/JAMES M. COX DAY., OH.	3954N	08412W	306	982.5	1018.2	22.0	-0.5	19.5	-0.7	7	96	8	4	284	93
72432 EVANSVILLE/REG., IN.	3803N	08732W	118	1003.6	1017.5	24.2		21.6		5	89	4	271	90	
72434 ST. LOUIS/LAMBERT, ST., MO.	3845N	09022W	172	997.0	1017.1	25.5	-0.4	21.3	-0.8	5	72	7	4	266	95
72438 INDIANAPOLIS/I.-MUN/WEI., IN.	3944N	08616W	246	989.2	1018.1	22.5		20.4		5	113	4	246	90	
72439 SPRINGFIELD/CAPITAL, IL.	3951N	08940W	187	996.1	1017.3	23.3		21.1		8	68			265	90
72440 SPRINGFIELD/MUN., MO.	3714N	09323W	387	972.7	1017.4	25.1		21.0		6	37			294	100
72445 COLUMBIA/REGIONAL, MO.	3849N	09213W	274	985.3	1017.1	24.0	-0.5	22.1	2.5	8	100	18	4	243	80
72446 KANSAS CITY, INTL, MO.	3919N	09443W	312	980.4	1016.5	25.1		21.7		6	128			316	105
72450 WICHITA, KS.	3739N	09726W	408	968.4	1014.8	27.1	0.9	15.9	-3.1		51	-24	2	379	120
72451 DODGE CITY/MUN., KS.	3746N	09958W	790	926.0	1014.7	25.9	0.2	16.4		4	30	-37	2	352	110
72456 TOPEKA/MUN., KS.	3904N	09537W	270	984.7	1016.0	24.7	-0.3	22.5		6	145	53	4	356	120
72458 CONCORDIA/BLOSSER MUN., KS.	3933N	09739W	452	963.2	1015.0	25.9	0.5	19.6		6	38	-45	1	357	110
72465 GOODLAND/RENNER FIELD/, KS.	3922N	10142W	1124	890.6	1014.8	23.4		14.3		5	50				
72469 DENVER/STAPLETON INTL, CO.	3945N	10452W	1625	840.1	1014.8	21.8	-0.5	11.2	0.4	7	50	16	4	288	95
72476 GRAND JUNCTION/WALKER F., CO.	3907N	10832W	1475	854.5	1013.4	24.8	0.3	8.3	-1.3	2	12	-7	2	323	100
72483 SACRAMENTO/EXECUTIVE, CA.	3831N	12130W	8	1012.6		24.8	0.9	14.0	0.5	0	0	-2	0		
72486 ELY/YELLAND, NV.	3917N	11451W	1909	811.7	1012.9	18.4	-0.2	6.0	-1.0	2	5	-11	2	286	85
72488 RENO/INTL, NV.	3930N	11947W	1341	866.8	1013.5	21.7		8.3		2	5		4	331	85
72494 SAN FRANCISCO/INTL, CA.	3737N	12223W	5	1014.6	1015.3	19.1	1.9	15.1	1.9	0	0	-1	0		
72503 NEW YORK/LA GUARDIA, NY.	4046N	07354W	9	1016.2	1017.4	24.6	0.5	21.3	1.7	11	262	169	6	224	80
72507 PROVIDENCE/GREEN STATE, RI.	4144N	07126W	19	1016.1	1018.1	23.1		21.5		7	95		3	296	115
72508 HARTFORD/BRADLEY INTL, CT.	4156N	07241W	55	1011.1	1017.4	22.9		20.3		8	211		5	233	85
72509 BOSTON/LOGAN INTL, MA.	4222N	07102W	9	1016.7	1017.7	22.9	0.7	20.0	1.0	8	167	73	5	266	95
72513 WILKES-BARRE-SCRANTON, PA.	4120N	07544W	289	984.2	1018.3	20.8		18.7		14	145		199	75	
72515 BINGHAMTON/BROOME CO., NY.	4213N	07559W	497	960.6	1018.8	19.2		18.0		14	142		248	95	
72517 ALLEGHENY/A.-BETHLEHEM-..PA.	4039N	07526W	117	1003.7	1017.7	22.1		20.1		12	164		4	261	
72518 ALBANY/ALBANY CO., NY.	4245N	07348W	89	1007.7	1018.3	21.6	0.5	19.2		11	169	87	5	233	95
72519 SYRACUSE/HANCOCK, NY.	4307N	07607W	124	1003.1	1017.8	21.3		18.9		9	135		5	226	95
72520 PITTSBURGH/GREATER PITT., PA.	4030N	08013W	373	974.7	1018.3	21.4	-1.1	19.4		5	91	11	4	182	80
72521 AKRON/AKRON-CANTON REG., OH.	4055N	08126W	377	975.0	1018.7	20.6		19.3		5	159		5		
72525 YOUNGSTOWN, OH.	4116N	08040W	361	975.8	1018.5	20.2		19.6		6	77		3		
72528 BUFFALO/GREATER BUFFALO, NY.	4256N	07844W	215	993.0	1018.5	21.3	0.9	18.0	0.3	7	83	-33	2	254	95
72529 ROCHESTER/R-MONROE CITY., NY.	4307N	07740W	169	998.1	1018.4	21.1		18.8		6	91		4	282	105
72530 CHICAGO/O'HARE, IL.	4159N	08754W	205	993.9	1018.1	22.1		20.1		8	186		5	243	85
72532 PEORIA/GREATER PEORIA, IL.	4040N	08941W	202	994.3	1018.1	22.3		22.0		8	135		5	258	90
72533 FORT WAYNE/MUN., BAER FL., IN.	4100N	08512W	252	989.0	1018.7	21.1		19.6		8	171		5	342	105
72535 SOUTH BEND/ST. JOSEPH CO., IN.	4142N	08619W	236	990.3	1018.2	21.1		19.3		7	117		4		
72536 TOLEDO/EXPRESS, OH.	4136N	08348W	211	993.8	1018.4	21.1		18.8		6	84		251	95	
72537 DETROIT/METROPOLITAN, MI.	4214N	08320W	202	994.1	1018.0	21.8	-0.5	18.5		8	98	11	4	255	90
72544 MOLINE/QUAD CITY, IL.	4127N	09031W	181	996.4	1017.6	23.2		21.0		8	163		5	267	95
72546 DES MOINES/MUN., IA.	4132N	09339W	294	982.7	1017.0	23.6	0.0	21.2	1.4	5	47	-58	2	274	90
72553 OMAHA, NE.	4122N	09601W	406	968.6	1015.6	24.2	0.4	21.1		6	21	-83	1		
72556 NORFOLK/KARL STEFAN, NE.	4159N	09726W	473	960.5	1015.1	23.4		20.0		8	60		3		
72557 SIOUX CITY/MUN., IA.	4224N	09623W	336	976.5	1015.7	23.1		20.6		4	34		2	302	100
72562 NORTH PLATTE/LEE BIRD, NE.	4108N	10041W	849	918.7	1014.4	23.3	0.9	17.4	1.9	4	46	-3	3	369	120
72564 CHEYENNE, WY.	4109N	10449W	1872	816.4	1016.0	19.1		10.5		11	50		4	193	65
72569 CASPER/NATRONA COUNTY I., WY.	4255N	10628W	1612	840.5	1014.8	20.3		9.5		3	48		5		
72572 SALT LAKE CITY/INTL, UT.	4047N	11158W	1288	871.8	1012.4	24.6	0.8	9.9	0.0	2	12	-11	3	338	95
72576 LANDER/HUNT, WY.	4249N	10844W	1694							3	10		3	299	90
72578 POCAHOTLO/NUM., ID.	4255N	11236W	1365	864.4	1014.0	20.6		8.3		2	18		4	336	95
72583 WINNEMUCCA/MUN., NV.	4054N	11748W	1322							4	25	15	5		
72594 EUREKA, CA.	4048N	12410W	18	1014.3	1016.5	15.8	2.0	14.7		4	18	9	5		
72597 MEDFORD/MEDFORD-JACKSON, OR.	4222N	12252W	405	968.2	1015.1	23.1	1.1	12.0	0.7	6	25	10	4		

N AMER-USA

SURFACE

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAY 1 MM	TOTAL MM	DEPARTURE	QUINTILE	TOTAL hr
N AMERICA															
USA	0°	0°	m	m b	mb	mb	°C	°C	mb	mb	mm	mm	mm	hr	%
72605 CONCORD/MUN., NH.	4312N	07130W	105	1005.4	1017.7	21.0	19.3		9	183	6	260	100		
72606 PORTLAND/INTL JET PORT, ME.	4339N	07019W	19	1014.9	1017.2	21.0	19.2		6	48	2	271	100		
72617 BURLINGTON/INTL, VT.	4428N	07309W	104	1005.7	1018.0	21.0	1.5	18.6	1.5	11	113	15	4	278	105
72635 GRAND RAPIDS/KENT CO., MI.	4253N	08531W	245	989.0	1017.9	20.6	19.0		6	86	1	239	90		
72636 MUSKEGON/COUNTY, MI.	4310N	08615W	193	995.3	1018.0	20.1	17.8		6	31					
72637 FLINT/BISHOP, MI.	4258N	08345W	233	990.4	1018.0	20.8	18.0		6	60	2				
72640 MILWAUKEE/GEN. MITCHELL, WI.	4257N	08754W	211	992.4	1017.5	21.8	18.9		5	119	5	276	95		
72641 MADISON/DANE COUNTY REG., WI.	4308N	08920W	264	986.3	1017.4	21.1	0.5	19.3	11	153	60	5	262	95	
72644 ROCHESTER/MUN., MN.	4355N	09230W	402			20.8	19.0		7	135					
72645 GREEN BAY/A.-STRAUBEL, WI.	4429N	08808W	214	992.2	1017.6	19.8	18.3		7	64	3	212	75		
72651 SIOUX FALLS/FOSS FIELD, SD.	4335N	09644W	435	964.9	1015.6	22.7	18.7		8	30	1				
72654 HURON/HURON REGIONAL, SD.	4423N	09813W	393	968.5	1014.3	22.6	0.3	17.9	5	18	-32	1	334	100	
72658 MINNEAPOLIS/ST. PAUL INTL, MN.	4453N	09313W	255	986.6	1016.7	21.4	0.0	18.1	3	43	-44	1	331	110	
72662 RAPID CITY/REG., SD.	4403N	10304W	966	905.9	1014.5	23.2	1.3	13.0	0.8	6	48	11	4	327	100
72666 SHERIDAN/COUNTY, WY.	4446N	10658W	1209		1015.0	21.1	0.9	11.0	1.0	4	12	-12	2		
72677 BILLINGS/LOGAN INTL, MT.	4548N	10832W	1088	892.7	1014.1	22.6	10.9		3	24	3	335	100		
72681 BOISE/MUN., ID.	4334N	11613W	874	914.9	1013.1	23.3	1.0	10.1	1.4	2	10	0	4	338	95
72688 PENDLETON, OR.	4541N	11851W	456	961.7	1014.5	22.3	9.4		2	16	4				
72698 PORTLAND/INTL, OR.	4536N	12236W	12	1015.1	1016.5	21.6	1.5	15.2	1.5	4	24	-6	3	281	95
72712 CARIBOU/MUN., ME.	4652N	06801W	190			19.2	2.1	17.3	2.7	9	82	-16	2		
72734 SAULT STE. MARIE, MI.	4628N	08422W	221	991.6	1018.1	17.0	0.0	15.6	0.3	7	59	-35	2	247	95
72743 MARQUETTE, MI.	4632N	08733W	434	966.8	1018.2	17.3	-1.2	14.6	11	69	-4	3			
72745 DULUTH/INTL, MN.	4650N	09211W	432	966.5	1017.6	17.8	0.4	15.1	0.9	5	137	32	4	277	103
72747 INT. FALLS/FALLS INTL, MN.	4834N	09323W	361			18.9	1.6		6	55	-20	2			
72753 FARGO/HECTOR FIELD, ND.	4654N	09648W	274	983.4	1015.8	21.7	15.6		7	25	1	317	100		
72764 BISMARCK/MUN., ND.	4646N	10045W	506	956.0	1014.7	22.1	1.7	14.1	1.2	5	35	-8	3	322	100
72767 WILLISTON/SLOULIN FIELD, ND.	4811N	10338W	581	947.1	1014.3	21.9	12.4		7	44	4	308	90		
72768 GLASGOW/INTL, MT.	4813N	10637W	700	934.1	1014.6	22.2	11.2		3	37	4				
72772 HELENA/COUNTY-CITY, MT.	4636N	11200W	1188	882.9	1015.9	20.2	1.4	10.3	8	65	33	5	291	90	
72773 MISSOULA/JOHNSON-BELL F., MT.	4655N	11405W	972	906.5	1017.0	18.9	11.8		10	67	6	317	95		
72775 GREAT FALLS/INTL, MT.	4729N	11122W	1115	889.7	1014.6	20.3	0.4	10.2	1.0	7	81	48	5		
72781 YAKIMA/YAKIMA AIR TERM., WA.	4634N	12032W	325	975.8	1013.8	21.2	11.9		3	51	5				
72785 SPOKANE/INTL, WA.	4738N	11732W	721	932.1	1014.7	20.3	0.3	11.3	1.9	2	26	6	4	367	110
72791 ASTORIA/CLATSOP, OR.	4609N	12353W	7	1016.8	1017.7	17.1	15.6		9	40					
72792 OLYMPIA, WA.	4658N	12254W	61	1009.7	1017.0	18.9	1.7	14.2	0.6	6	45	6	4		
72793 SEATTLE/S.-TACOMA, WA.	4727N	12218W	137	1000.3	1016.4	19.6	14.5		5	18	3	326	115		
72797 QUILLAYUTE, WA.	4756N	12433W	62	1010.0	1017.6	16.4	1.4	14.9	1.2	9	58	-16	3		
74492 BLUE HILL OBS., MA.	4213N	07107W	195	994.2	1017.6	21.7	0.8	19.8	1.1	11	153	44	4	232	95
CANADA															
71043 NORMAN WELLS, N.W.T.	6517N	12648W	73	1004.4	1013.5	12.8	-0.6	10.3	-0.6	8	27	-31	2		
71072 MOULD BAY A, N.W.T.	7614N	11919W	12	1013.9	1015.4	1.6	0.2	5.4	-0.6	2	11	-11	2		118
71081 HALL BEACH, N.W.T.	6847N	08115W	8	1005.5	1006.5	4.0	-0.6	7.3	0.0	9	52	11	4		
71082 ALERT, N.W.T.	8230N	06220W	63	1005.3	1013.9	-0.9	-1.8	5.2	-0.2	2	6	-22	1		124
71090 CLYDE, N.W.T.	7028N	06837W	25	1005.5	1008.9	3.7	-0.2	7.0	0.1	2	9	-17	2		63
71101 SANDSPIT, B.C.	5315N	13149W	6	1014.8	1015.6	16.3	1.6	15.7	2.6	9	69	19	4		87
71109 PORT HARDY, B.C.	5041N	12722W	22	1014.4	1017.0	15.6	1.8	14.3	1.2	8	61	-8	3		122
71600 SABLE ISLAND, N.S.	4356N	06001W	4	1017.6	1018.1	18.1	0.6	18.1	0.2	5	57	-59	1		138
71601 SHEARWATER, N.S.	4438N	06330W	41	1011.0	1017.1	19.5	1.7	19.0	2.6	7	55	-43	2		97
71624 TORONTO INTL AIRPORT, ONT.	4341N	07938W	176	996.9	1017.6	20.3	0.6	17.6	0.7	7	113	36	5		
71627 MONTREAL/DORVAL INTL, QUE.	4528N	07345W	36	1012.6	1016.9	20.6	1.0	17.2	0.2	9	84	-8	2		116
71707 SYDNEY, N.S.	4610N	06003W	60	1009.0	1016.5	19.8	2.2	17.6	1.5	5	63	-38	2		131
71717 CHATHAM, N.B.	4701N	06527W	34	1011.0	1015.0	20.6	2.6	17.8	2.6	11	55	-28	2		106
71722 MANIWAKI, QUE.	4623N	07558W	170	996.8	1017.3	18.4	1.4	16.7	0.6	6	92	2	3		117
71727 BAGOTVILLE, QUE.	4820N	07100W	163	997.3	1016.5	18.4	2.1	15.2	1.3	10	70	-29	2		
71731 NORTH BAY, ONT.	4622N	07925W	369	974.0	1018.0	18.2	1.2	15.5	0.3	6	41	-58	1		107
71803 GANDER INTL AIRPORT, NFLD.	4857N	05434W	147	997.8	1016.0	18.2	2.6	15.7	2.3	5	34	-63	1		149
71811 SEPT-ILES, QUE.	5013N	06616W	55	1007.7	1014.5	16.2	2.1	14.2	1.9	7	49	-51	1		101
71815 STEPHENVILLE, NFLD.	4832N	05833W	26	1011.9	1015.3	17.3	1.3	16.7	2.3	11	106	2	3		109
71816 GOOSE, NFLD.	5319N	06025W	44	1006.1	1012.0	14.9	0.7	12.8	1.4	20	111	8	4		90
71831 KAPUSKASING, ONT.	4925N	08228W	229	989.4	1016.9	15.6	0.3	13.8	0.3	10	72	-21	2		
71836 MOOSONEE, ONT.	5116N	08039W	10	1013.6	1014.8	14.5	0.2	13.2	-0.3	14	88	9	4		107
71848 BIG TROUT LAKE, ONT.	5350N	08952W	222	987.1	1014.3	16.2	1.9	13.1	0.8	12	141	59	5		
71852 WINNIPEG INTL AIRPORT, MAN.	4955N	09714W	240	986.6	1015.3	20.0	1.7	13.9	-0.2	7	17	-58	1		118
71863 REGINA, SASK.	5026N	10440W	574	948.0	1018.7	18.7	0.9	11.8	-0.1	7	24	-21	2		93

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE					
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	MEAN	DEPARTURE	TOTAL	QUINTILE	TOTAL	% OF AV.			
N AMERICA																			
CANADA																			
71867 THE PAS, MAN.	5358N	10106W	271	981.6	1014.2	17.4	1.3	12.7	-0.2	5	23	-35	1		114				
71874 LETHBRIDGE, ALTA.	4938N	11248W	920	909.3	1015.3	18.9	1.4	12.0	1.3	4	16	-31	2		105				
71879 EDMONTON MUNICIPAL, ALTA.	5334N	11331W	676	936.9	1015.2	17.3	1.1	12.7	0.6	5	72	-6	3		94				
71892 VANCOUVER INTL AIRPORT, B.C.	4911N	12311W	2	1015.8	1016.1	19.4	2.3	15.4	0.9	3	38	-3	3		103				
71896 PRINCE GEORGE, B.C.	5353N	12241W	691	934.9	1016.2	16.2	2.1	10.9	-0.2	5	24	-44	1		101				
71906 KUJJUJUAQ, QUE.	5806N	06825W	37	1006.1	1010.6	10.8	0.4	9.1	-0.5	13	53	-11	3		91				
71907 INUKJUAK, QUE.	5827N	07807W	8	1009.1	1009.8	6.5	-2.5	8.4	-1.2	10	65	0	3		85				
71909 FROBISHER BAY, N.W.T.	6345N	06833W	34	1004.2	1008.4	6.0	-0.9	7.5	0.0	13	99	40	5		84				
71913 CHURCHILL, MAN.	5845N	09404W	29	1007.6	1011.1	10.7	-0.6	10.2	0.1	9	74	15	4		93				
71915 CORAL HARBOUR, N.W.T.	6412N	08322W	64	1000.0	1007.5	5.8	-1.6	7.7	-0.5	9	54	8	4		83				
71917 EUREKA, N.W.T.	8000N	08556W	10	1009.7	1011.1	4.0	0.7	6.2	0.3	3	7	-5	3		135				
71924 RESOLUTE, N.W.T.	7443N	09459W	67	1001.9	1010.5	0.1	-2.2	6.2	0.0	5	14	-17	1		124				
71925 CAMBRIDGE BAY, N.W.T.	6906N	10507W	27	1008.7	1012.2	5.5	-1.0	7.3	-0.6	7	30	2	3		91				
71926 BAKER LAKE, N.W.T.	6418N	09600W	18	1008.4	1010.7	7.3	-2.4	8.3	-1.0	12	41	4	3		84				
71934 FORT SMITH, N.W.T.	6001N	11158W	203	987.2	1012.3	14.0	-0.2	11.3	0.4	9	100	57	5		84				
71938 COPPERMINE, N.W.T.	6749N	11509W	22	1011.9	1014.7	6.5	-2.1	7.3	-1.4	6	12	-26	1		97				
71945, FORT NELSON, B.C.	5850N	12236W	382	968.1	1013.8	16.4	1.6	11.6	0.3	4	26	-35	1						
71957 INUVIK, N.W.T.	6818N	13329W	68	1005.2	1013.8	9.7	-1.0	8.2	-1.0	4	10	-34	1		86				
71964 WHITEHORSE, Y.T.	6043N	13504W	703	931.4	1014.4	14.0	1.5	8.5	-0.4	4	10	-28	1		117				
ST. PIERRE AND MIQUELON																			
71805 SAINT-PIERRE	4646N	05610W	5	31	1017.3	1017.9	15.8	0.5	15.6	0.1	8	54	-65	1		102			
MEXICO																			
76654 MANZANILLO, COL.	1903N	10420W	3	1012.4	1012.8	28.7	0.6	29.1	2.6	17	164	-57	3	236					
76741 COATZACOALCOS, VER.	1809N	09425W	23	1012.1	1016.1	28.0	0.2	30.6	1.8	18	184	-102	2						
76775 OAXACA, OAX.	1704N	09643W	1550	850.1	1015.6	20.6	-0.4	16.5	-1.1	13	59	-56	2	230	170				
76833 SALINA CRUZ, OAX.	1610N	09512W	6			30.8	1.9	23.5	-4.4	4	57	-140	1	258					
BAHAMAS																			
78073 NASSAU AIRPORT	2503N	07728W	7	31	1016.4	1017.2	28.2	0.4	31.0	1.5	20	436	249	5					
CUBA																			
78325 CASA BLANCA, HABANA	2310N	08221W	50	1010.5	1016.2	27.9	0.5	29.3	0.9	5	36	-63	0						
JAMAICA																			
78388 MONTEGO BAY/SANGSTER	1830N	07755W	8	1014.6	1015.5	28.2	0.6	28.3	2.8	7	85	-14	2	266	110				
78397 KINGSTON/NORMAN MANLEY	1756N	07647W	14	1012.7	1014.3	28.7	0.3	26.6	-1.0	1	7	-90	1	259	100				
HAITI																			
78437 PORT-AU-PRINCE (DAMIEN)	1836N	07217W	20	31	1012.6	1014.3	29.2	0.3	28.8	1.1	7	62	-39	1					
PUERTO RICO AND US POSS																			
78526 SAN JUAN/INTL, PUERTO RICO	1826N	06600W	19	1014.3	1016.4	28.3	0.5	29.3	1.0	14	87	-61	1						
HONDURAS																			
78701 GUANAJA	1628N	08555W	2	1014.1	1014.1	28.6	0.0	32.2	0.5	14	447	292	6						
78705 LA CEIBA (AIRPORT)	1544N	08652W	26	1012.7	1014.1	26.5	-0.7	28.6	1.7	261	97	4							
78708 LA MESA (SAN PEDRO SULA)	1527N	08756W	31	1008.9	1012.4	29.3	2.0	28.0	-0.3	15	114	7	3						
78711 PUERTO LEMPIRA	1513N	08348W	13	1011.3	1012.7	27.6	0.3	30.0	-0.8	22	450	164	5						
78714 CATACAMAS	1454N	08556W	442	969.4	1014.7	25.1	0.4	25.2	1.0	20	197	35	5						
78720 TEGUCIGALPA	1403N	08713W	1007	904.2	1012.5	22.4	0.3	19.9	2.1	12	51	-34	2						
COSTA RICA																			
78760 PUNTARENAS	0958N	08450W	3	31	1011.7	1011.7	26.8	-0.4	30.7	0.9	16	176	-53	3					
78762 JUAN SANTAMARIA	1000N	08413W	939	31	910.2	1010.9	23.3	1.8	22.2	1.2	16	203	-49	2					
78767 PUERTO LIMON	1000N	08303W	3	31	1011.0	1011.0	25.7	-0.2	29.4	0.7	15	691	475	6	90				
ST. MAARTEN, ST. EUST., SABA																			
78866 JULIANA AIRPORT, ST. MAARTEN	1803N	06307W	9	1016.1	1016.6	29.0	0.4	29.9		12	83	-31	2	247	90				
ST. MARTIN, ST. BARTH., GUAD.																			
78897 LE RAIZET, GUADELOUPE	1616N	06131W	8	31	1015.5	1018.1			29.6	1.3	17	239	95	4					

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SURFACE

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL mm	% OF AV.
N AMERICA													
MARTINIQUE	0°	0°	0	3									
78925 LE LAMENTIN	1436N	06100W	4	1014.5	1015.3	27.6	1.6	31.7	3.7	21	223	-21	3 251 96
TRINIDAD AND TOBAGO													
78970 PIARCO INTL AIRPORT, TRINIDAD	1037N	06121W	15	1011.6	1014.1	26.7	0.5	28.7	0.4	25	300	66	5 216 98
CURACAO AND BONAIRE													
78988 HATO AIRPORT, CURACAO	1212N	06858W	67	1012.1	1013.0	28.3	-0.1	29.7	0.4	5	66	29	5 308 107
COLOMBIA													
80001 SAN ANDRES (ISLA)	1235N	08143W	6	1011.6	1011.7	28.0	0.2	30.7	-0.2	15	92	-137	0 191
80002 PROVIDENCIA (ISLA)	1322N	08121W	6			28.1		31.5		17	198		223
S AMERICA													
COLOMBIA													
80009 SANTA MARTA/SIMON BOLIVAR	1108N	07414W	14	1007.9	1008.1	28.1		28.5		9	48		241
80022 CARTAGENA/CRESPO	1027N	07531W	12	1010.4	1010.6	28.4		30.9		3	22		223
80028 BARRANQUILLA/ERNESTOCORTISSO	1054N	07446W	30	1009.4	1011.0	28.2	0.4	29.7	-0.2	8	162	63	5 230
80091 BARRANCABERMEJA/YARIGUIES	0701N	07348W	134			28.2	0.2	28.6	0.9	12	91	-124	1 214
80094 BUCARAMANGA/PALONEGRO	0706N	07312W	1189			21.3		21.6		12	64		150
80097 CUCUTA/CAMILO DAZA	0756N	07231W	317	974.9	1009.4	29.4	1.3	25.0	2.4	10	75	39	6 206
80099 ARAUCA/SANTIAGO PEREZ	0704N	07044W	128	990.0	1005.6	25.6		28.4		14	139		211
80112 RIONEGRO/J.M.CORDOVA	0611N	07526W	2142	790.8		17.3		13.7		16	135		
80139 PUERTO CARRENO	0610N	06730W	55			26.3		28.4		18	284		151
80144 QUIBDO/EL CARANO	0543N	07637W	33			26.7		29.8		26	1104		118
80210 PEREIRA/MATECANA	0449N	07548W	1342	31	865.4	22.4		17.8		6	62		6
80214 IBAGUE/PERALES	0426N	07509W	928	31		25.5		19.6		2	42		2
80222 BOGOTA/ELDORADO	0442N	07408W	2548	31	754.2	13.8	1.0	10.9	-0.5	9	36	-6	3 154
80234 VILLAVICENCIO/VANGUARDIA	0410N	07337W	431			25.2		24.5		16	138		138
80241 GAVIOTAS	0433N	07055W	167	990.0	1010.1	25.1	0.3	26.8	0.1	17	158	-114	0 138
80259 CALI/PALMASECA	0333N	07623W	969			24.3	0.2	20.3	0.0	4	24	-65	3 206
80315 NEIVA/LA MANGUITA	0258N	07518W	443	959.2	1007.4	29.3	0.5	19.1	-1.0	3	11	-17	2 174
80337 TUMACO/EL MIRA	0134N	07841W	5			25.1	-0.1	30.6	2.6	7	126	13	3 77
80342 PASTO/ANTONIO NARINO	0125N	07716W	1826			20.7		13.4		3	9		225
80370 IPiales/SAN LUIS	0049N	07738W	2961			9.7	-0.2	9.5	-0.6	4	17	-24	1 128
80398 LETICIA/VASQUEZ COBO	0410S	06957W	84	1002.9	1012.3	25.6	-0.3	27.7	-0.1	16	257	98	6 211
VENEZUELA													
80403 CORO	1125N	06941W	17	1011.2	1013.1	29.0	0.3	28.0		3	13	-17	1 280 95
80410 BARQUISIMETO	1004N	06919W	614	944.1	1010.6	23.5	-0.1	24.1		12	53	8	4 226 95
80413 MARACAY - B.A. SUCRE	1015N	06739W	437	967.6	1016.4	24.0	-0.3	24.9	1.4	15	127	-43	2 209 92
80415 CARACAS/MAIQUETIA AEROP. INTL	1036N	06659W	48	1009.7	1014.9	26.4	-0.8	33.5		11	69	19	4 244 95
80416 CARACAS/LA CARLOTA	1030N	06653W	835	920.3		22.9	0.7	25.1	4.2	14	150	22	4 211 89
80419 BARCELONA	1007N	06441W	7	1013.6	1014.4	26.2	0.0	28.6	1.1	15	150	29	4 226 95
80420 CUMANA	1027N	06411W	4	1014.7	1015.3					9	87		234 90
80421 PORLAMARI/AP INTL DEL CARIBE	1055N	06358W	19	1013.9	1016.1	28.0		34.1		8	67		262 90
80423 GUIRIA	1035N	06219W	14	1010.4	1013.9	27.3	0.1	27.5		12	134	-1	3 234 150
80425 MENE GRANDE	0949N	07056W	28	1007.6	1010.7	28.7		30.0		20	129		232 100
80426 VALERA	0921N	07037W	582	947.1	1011.3	24.8		24.7		15	130		223 120
80428 GUANARE	0901N	06944W	163	996.4	1014.7	25.5		27.1		13	177		66 35
80438 MERIDA	0836N	07111W	1498	852.6	1523	19.8	0.5	18.0	0.7	13	156	28	4 226 109
80444 CIUDAD BOLIVAR	0809N	06333W	48	1006.8	1012.1	27.5	0.0	30.3	2.2	18	306	145	5 214 84
80447 SAN ANTONIO DEL TACHIRA	0751N	07227W	378	967.7	1009.7	26.5	-0.8	19.3	-2.5	7	31	1	4 196 96
80448 GUASDUALITO	0714N	07048W	131	988.2						12	167		170 100
80450 SAN FERNANDO DE APURE	0754N	06725W	48	1006.7	1012.0	25.6	-0.5	30.0	1.1	12	124	-155	1 185 103
80453 TUMEREMO	0718N	06127W	181		1013.9	25.8	0.4	28.8		15	113	-13	3 178 75
80457 PUERTO AYACUCHO	0536N	06730W	74	1006.2	1015.1	25.1	-0.5	26.8	0.2	13	231	-40	2 148 95
80475 STO. DOMINGO (B.A.)	0735N	07204W	327	975.6	1012.5	23.0		23.0		24	359		148 100
GUYANA													
81001 GEORGETOWN	0648N	05809W	2 31	1012.7	1013.1	26.7	-0.7	30.0	0.7	15	255	42	4
81002 TIMEHRI	0630N	05815W	30 31	1010.1	1013.6	26.1	0.3	28.0	-0.2	15	276	38	4
SURINAME													
81225 ZANDERIJ	0527N	05512W	15	1011.2	1013.6	25.6	-0.6	27.6	7.2	17	234	72	4 228

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STATION	LATITUDE	LONGITUDE	ELEVATION	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE				
				MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAY 1 MM	TOTAL	DEPARTURE	QUINTILE			
S AMERICA																
FRENCH GUIANA																
81405 CAYENNE/ROCHAMBEAU	0450N	05222W	9	1012.9	1014.0	26.2	0.4	28.8	0.8	11	146	-19	2			
BRAZIL																
82106 S.GABRIEL DO CACHOEIRA(UAU.)	0008S	06705W	90	1002.3	1014.6	25.5	0.5	29.8	3.4	22	466	281	6			
82191 BELEM	0127S	04828W	24	1012.4	1012.9	26.1	-0.0	29.3	0.7	24	228	111	6			
82212 FONTE BOA	0232S	06610W	55	1003.8	1010.1	26.7		31.3		7	135		3			
82246 BELTERRA	0238S	05457W	176	994.9	1014.9	24.3		28.8		10	33					
82280 SAO LUIZ	0232S	04417W	51	1007.1	1012.7	26.2	-0.1	28.4	0.2	6	35	22	6			
82287 PARNAIBA	0255S	04136W	22			26.9		25.5		0	0					
82331 MANAUS	0308S	06001W	72	1004.6	1012.7	27.4	0.0	27.6	0.5	8	72	23	4			
82397 FORTALEZA	0344S	03833W	19	1011.0	1014.1	26.5	0.6	25.2	0.6	3	15	-10	3			
82410 BENJAMIN CONSTANT	0423S	07002W	65	1004.4	1012.9	25.6	-0.5	29.9	3.2	10	134	-22	3			
82562 MARABA	0521S	04909W	102	1001.4	1012.6	27.3		28.6		1	6					
82578 TEREZINA	0505S	04249W	74	31	1003.6	1013.6	2.8	1.0	23.6	2.7	3	12	6			
82640 JACAREACANGA	0616S	05744W	98	1000.4	1011.7	27.1		29.9		4	20					
82704 CRUZEIRO DO SUL	0738S	07240W	170	990.2	1009.0	25.7	1.1	26.0	-0.6	7	93	-3	3			
82784 BARBALHA	0719S	03918W	409	31	968.1	1014.8	25.5		1.7		4	17				
82791 PATOS	0701S	03716W	249			1005.3	1014.0	28.3		21.0		1	11			
82825 PORTO VELHO	0846S	06305W	95	1000.6	1007.5	24.9	-1.7	25.5	-1.6	7	58	10	5			
82900 RECIFE (CURADO)	0803S	03455W	7	1015.9	1016.8	23.9	0.0	26.0	2.1	27	383	207	5			
82915 RIO BRANCO	0958S	06748W	136			26.0	1.3	25.1	-0.1	6	31	12	4			
83096 ARACAJU	1055S	03703W	6	1015.3	1016.0	25.5	1.5	25.4	1.7	13	111	13	4			
83186 JACOBINA	1111S	04028W	484	961.7	1018.7	23.1		19.1		6	19		1			
83208 VILHENA	1244S	06008W	652	944.9	1013.0	24.5		23.2		5	90					
83229 SALVADOR	1301S	03831W	51	1010.4	1016.4	23.8	0.4	25.6	3.5	19	205	77	5			
83235 TAGUATINGA	1216S	04626W	660			20.0				1	47		5			
83236 BARREIRAS	1209S	04500W	440	964.4	1014.0	26.0		17.4		1	3					
83242 LENCOIS	1234S	04123W	438	968.2	970.9	20.9		21.1		9	47		3			
83264 VERA IGLEBA CELESTE	1212S	05630W	415	971.8	1013.2	24.4		25.5		1	80					
83288 BOM JESUS DA LAPA	1316S	04325W	440	965.0	1016.1	25.0	0.0	18.6	4.0	0	0	-3	4			
83361 CUIABA	1533S	05607W	179	996.2	1016.6	25.3	0.0	24.8	6.9	6	64	55	6			
83377 BRASILIA	1547S	04756W	1158	890.1	1016.6	19.1	-1.3	14.1	2.2	5	27	21	5			
83492 TEOFILO OTONI	1751S	04130W	356	981.2	1020.2	20.7		17.7		7	84		6			
83498 CARAVELAS	1744S	03915W	3	1019.8	1020.3	23.6	1.5	20.5	-1.4	13	203	124	5			
83512 COXIM	1830S	05446W	286	981.5	1014.5	20.4		23.6		5	139					
83552 CORUMBA	1900S	05739W	130	996.5	1013.8	24.1	0.7	21.0	-0.7	2	12	-9	3			
83587 BELO HORIZONTE	1950S	04356W	850	917.6	1019.2	19.0	-1.1	14.5	-1.1	8	75	65	6			
83592 CARATINGA	1948S	04209W	609	951.3	1020.8	18.3		17.1		6	58		6			
83611 CAMPO GRANDE	2028S	05440W	560	956.5	1016.0	21.9	0.6	16.1	0.7	6	70	31	4			
83676 CATANDUVA	2108S	04858W	536	954.7	1018.5	19.6		15.9		8	83		5			
83702 PONTA PORA	2232S	05544W	650	939.8	1017.2	21.6	3.6	16.0	1.1	8	53	-112	3			
83743 RIO DE JANEIRO	2255S	04310W	5	1021.8	1022.2	20.9	-0.9	20.0	0.5	7	74	23	4			
83766 LONDRINA	2323S	05111W	566	953.0	1018.4	16.9	-2.2	14.9	-0.4	7	115	62	5			
83781 SAO PAULO	2330S	04637W	792	929.9	1019.8	16.1	-0.8	13.8	-1.8	9	50	2	3			
83836 IRATI	2528S	05038W	837	923.0	1019.9	12.4		11.9		6	219					
83842 CURITIBA	2526S	04916W	923	916.8	1021.1	12.8	-1.2	12.6	-0.7	8	133	55	5			
83881 IRAI	2711S	05314W	247	988.6	1019.2	16.2		14.7		7	149		4			
83897 FLORIANOPOLIS	2735S	04834W	2	1021.0	1021.2	16.3	-0.9	16.0		10	118	57	5			
83967 PORTO ALEGRE	3001S	05113W	47	1014.1	1020.6	15.7	0.6	13.7	-0.6	5	21	-119	1			
83980 BAGE	3120S	05406W	217							3	28		1			
83997 ST.VITORIA DO PALMAR	3331S	05321W	24	1017.0	1021.5	12.8	0.7	12.6	0.3	3	38	-54	1			
ECUADOR																
84008 SAN CRISTOBAL (GALAPAGOS)	0054S	08936W	6	31	1012.1					11	6	0	3			
84088 ZOBAMBIA-SANTA CATALINA	0022S	07833W	3058	31	706.8					6	25	-16	2			
84132 NUEVO ROCAFUERTE	0055S	07524W	215	31						19	231	-11				
84135 PORTO VIEJO-GRANJA	0102S	08026W	44	31	1006.7					0	0	-1	4			
84140 PICHILINGUE	0106S	07928W	73	31	1013.6					0	0	-2	0			
84179 EL PUYO	0130S	07757W	950	30	908.8					19	263	-88	2			
84202 MILAGRO	0207S	07936W	13	31						0	1	0	3			
84270 LOJA/LA ARGELIA	0402S	07912W	2040	31						8	33	-4	3			
PERU																
84370 TUMBES	0333S	08024W	27	1010.0	1012.9	21.8		22.1		0	T					
84390 TALARA	0434S	08115W	90	1003.5	1013.8	18.7	0.3	17.3	0.6	0	0	0	0			

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE				
					MEAN STATION mb	MEAN SEA LEVEL mb	MEAN °C	DEPARTURE °C	MEAN mb	DEPARTURE mb	DAYS 1 MM	TOTAL	% OF AV.				
S AMERICA																	
PERU																	
84401 PIURA	0511S	08036W	55	1010.3	1016.8	20.5	-1.7	17.4	0.0	0	0	0	5				
84425 YURIMAGUAS	0554S	07605W	184	995.5	1016.7	27.7	0.6	27.8	3.9	3	41	-55	1				
84444 CHACHAPOYAS	0613S	07750W	2435			14.1	-0.7	8.9	-2.8	3	31	9	5				
84452 CHICLAYO	0647S	07950W	34	1011.0	1014.0	18.2	-0.1	16.0	0.5	0	0	0	5				
84455 TARAPOTO	0627S	07623W	282	984.9	1013.8	25.1	-0.4	24.8	-0.6	6	65	7	4				
84472 CAJAMARCA	0708S	07828W	2622	740.9		15.6	0.4	10.9	-0.4	0	0	-10	2				
84474 JUANJUI	0713S	07643W	363	981.3	1020.4	27.4	2.1	26.6	1.6	2	35	-32	2				
84501 TRUJILLO	0806S	07902W	30	1011.2	1014.2	16.4	-0.4	16.6	1.4	0	0	0	5				
84515 PUCALLPA	0825S	07436W	149	995.5	1012.6	25.7	-0.9	26.4	-0.2	4	53	-11	3				
84531 CHIMBOTE	0910S	07831W	21	1014.3	1015.5	17.8	0.0	16.1	0.0	0	0	0	5				
84534 TINGO MARIA	0908S	07557W	665	939.6	1011.0	25.5	1.3	22.2	-0.7	7	55	-43	2				
84564 HUANUCO	0954S	07545W	1860	817.6		20.4	0.2	16.0	2.9	1	5	-15	3				
84628 LIMA-CALLAO/AEROP. INTL	1200S	07707W	13	1013.2	1014.9	15.8	-0.1	14.6	-0.8	1	1	-1	3				
84658 PUERTO MALDONADO	1238S	06912W	266	989.2	1018.7	23.0	-2.2	25.1	3.8	4	50	-13	3				
84691 PISCO	1345S	07617W	7	1012.6	1013.3	15.7	-0.2	14.9	0.6	0	0	-1	0				
84721 SAN JUAN	1523S	07510W	60	1008.3	1015.3	15.2	-0.2	14.0	0.6	0	0	-1	0				
84752 AREQUIPA	1619S	07133W	2520	753.1		14.2	-0.5	5.6	0.8	0	0	-1	5				
84782 TACNA	1804S	07018W	458	963.6	1017.6	13.2	-1.0	12.1	0.1	0	T	-7	3				
CHILE																	
85406 ARICA	1821S	07020W	55	1009.4	1016.9	15.1	-0.5	13.4	-0.9	0	0	0	113				
85442 ANTOFAGASTA	2326S	07027W	140	992.4	1016.5	14.1	0.5	12.7	0.0	0	0	-1	4	234			
85469 ISLA DE PASCUA	2710S	10926W	69	1013.3	1019.0	18.3	0.1	17.0	0.7	7	66	-26	2	182			
85488 LA SERENA	2955S	07112W	146	1000.0	1017.6	10.9	0.0	10.8	-0.2	0	T	-15	2	130			
85585 ISLA ROBINSON CRUSOE	3337S	07850W	30	1015.9	1019.6	13.2	0.9	12.4	0.8	11	140	32	4	89			
85766 VALDIVIA	3938S	07305W	19	1015.4	1018.0	8.8	1.3	10.0	1.0	12	238	-73	2	108			
85799 PUERTO MONTT	4126S	07306W	90	1006.5	1016.7	7.4	0.8	9.1	0.3	17	151	-67	2	90			
85934 PUNTA ARENAS	5300S	07051W	44	994.6	1001.2	2.0	-0.4	6.4	0.7	7	91	53	5	120			
URUGUAY																	
86330 ARTIGAS	3023S	05630W	123	1004.5	1018.8	16.5		12.2		5	21						
86360 SALTO	3123S	05757W	34	1014.5	1018.5	16.2	3.4	12.5	4.1	4	26	-39	1				
86440 MELO	3222S	05411W	100	1007.7	1020.1	13.3	1.1	11.9		3	26	-83	1				
86460 PASO DE LOS TOROS	3248S	05631W	75	1010.2	1019.4	14.3	1.8	11.5		2	17	-85	0				
86490 MERCEDES	3315S	05804W	22	1016.8	1018.9	14.4	2.3	11.7		3	9	-61	1				
86500 TREINTA Y TRES	3313S	05423W	46	1014.7	1020.4	13.2	1.0	11.6		4	29	-81	0				
86560 COLONIA	3427S	05750W	23	1016.3	1019.1	14.2	1.8	11.4		2	17	-61	1				
86565 ROCHA	3429S	05418W	18	1018.7	1020.7	11.9	0.5	11.8		3	17	-76	1				
86580 CARRASCO	3450S	05600W	32	1015.8	1019.8	12.7	1.1	11.0		2	14	-56	0				
ARGENTINA																	
87007 LA QUIACA OBSERVATORIO	2206S	06536W	3459	673.5	3135 Z	6.4	0.3	3.6	0.3	0	0	-1	4				
87016 ORAN AERO	2309S	06419W	357	972.8	1013.7	19.3		15.2		0	0	2	124	70			
87046 JUJUY AERO	2423S	06505W	904			17.1	3.6	12.3	3.2	0	0	-8	2				
87047 SALTA AERO	2451S	06529W	1221	879.3	1506 Y	14.3	2.0	9.6	1.1	1	5	1	4	248	115		
87065 RIVADAVIA	2410S	06254W	205	986.9	1010.5	21.2	3.0	12.3	0	0	0	-7	3				
87078 LAS LOMITAS	2442S	06035W	130	998.7	1013.7	20.5	2.1	13.5	0.9	2	30	12	4	256	110		
87097 IGUAZU AERO	2544S	05428W	270	987.3	1018.5	20.7		14.5		7	350	6	99	70			
87121 TUCUMAN AERO	2651S	06506W	450	962.5	1013.6	16.9		12.3		3	6			215			
87129 SANTIAGO DEL ESTERO AERO.	2746S	06418W	199	991.2	1014.3	18.2	3.3	10.6	0.8	0	0	-4	3	201	96		
87149 PRES. ROQUE SAENZ PENA AERO	2649S	06027W	92	1005.1	1015.9	17.3	0.4	13.7	0.5	2	20	-13	2	211	94		
87155 RESISTENCIA AERO.	2727S	05903W	52	1010.4	1016.5	17.8	1.5	14.3	0.9	4	69	20	5	208	118		
87162 FORMOSA AERO	2612S	05814W	60	1008.3	1015.3	18.7	1.5	15.7	1.0	6	111	46	4	207	110		
87166 CORRIENTES AERO.	2727S	05846W	62	1009.1	1016.1	18.4	1.8	14.7	1.2	6	57	8	4	232	120		
87178 POSADAS AERO.	2722S	05558W	125	1002.4	1018.0	18.6	1.5	14.6	0.5	5	138	35	4	196	105		
87217 LA RIOJA AERO.	2923S	06649W	429	963.7	1013.1	16.9	3.1	10.6	2.4	0	0	-4	3	217	90		
87222 CATAMARCA AERO.	2836S	06546W	454	976.3		15.7	1.0	11.0	3.1	2	21	16	5				
87257 CERES	2953S	06157W	88	1006.1	1016.5	16.3	2.5	13.0	1.7	1	3	-21	2	247	120		
87270 RECONQUISTA AERO	2911S	05940W	53	1010.8	1017.0	16.7	2.1	14.4	1.1		24	-9	2	223	108		
87289 PASO DE LOS LIBRES AERO	2941S	05709W	70	1009.3	1017.3	20.3	5.5	13.5	0.6	4	18	-65	0	206	130		
87305 JACHAL	3015S	06845W	1165	884.4	1497 Y	11.9	1.6	7.2	1.0	0	0	-7	2	152	65		
87311 SAN JUAN AERO	3134S	06825W	598	939.2		12.7	2.2	6.3	0.4	1	3	1	4	231	94		
87320 CHAMICAL AERO	3022S	06617W	461	962.1	1015.2	17.3		9.7		1	5	4	200	110			
87322 CHEPES	3120S	06636W	658	938.9	1013.9	15.9	3.4	11.7	3.9	1	1	-5	4				
87344 CORDOBA AERO	3119S	06413W	474	962.0	1017.1	15.3	3.4	11.4	3.2	0	0	-11	2	185	85		

S AMER-ARGENTINA

S AMER-ARGENTINA

SURFACE

AUGUST 1990

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE					
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	DEPARTURE	QUINTILE				
S AMERICA																		
ARGENTINA																		
87349 PILAR OBSERVATORIO	3140S	06353W	338	977.7	1017.3	15.1	3.3	10.2	2.0	0	0	-11	2	237	108			
87374 PARANA AERO	3147S	06029W	78	1008.8	1018.1	15.6	3.1	11.9	1.1	2	17	-22	2	256	125			
87395 CONCORDIA AERO	3118S	05801W	38	1014.4	1018.9	16.7	3.2	13.2	1.3	4	199	125	6	212				
87418 MENDOZA AERO	3250S	06847W	704	935.2		12.7	2.9	7.3	0.9	1	1	-2	3					
87436 SAN LUIS AERO	3316S	06621W	713	932.8		14.7	3.3	7.9	1.2	0	0	-7	3	218	90			
87453 RIO CUARTO AERO	3307S	06414W	421	967.1	1016.5	13.7	2.9	9.5	2.0	1	6	-11	3	212	105			
87467 MARCOS JUAREZ AERO	3242S	06209W	114	1004.1	1017.7	13.9				1	3		2	231	120			
87480 ROSARIO AERO	3255S	06047W	25	1014.3	1017.2	14.6	3.4	12.4	2.0	2	21	-18	2	217	109			
87497 GUALEGUAYCHU AERO	3300S	05837W	21	1015.3	1018.3	15.1	3.5	12.0	1.5	3	96	42	4	190	114			
87506 MALARGUE AERO	3530S	06935W	1425	858.4	1505 Y	8.4		5.8		2	13		4	214				
87509 SAN RAFAEL AERO	3435S	06824W	748	930.4		11.3	2.0	8.8	3.3	3	16	5	4	187	90			
87532 GENERAL PICO AERO	3542S	06345W	145	1000.5	1018.0	12.4		9.9			9		3	137	85			
87534 LABOULAYE	3408S	06322W	137	1001.6	1018.1	12.7	2.4	10.5	2.2	2	5	-19	2	212	109			
87544 PEHUAJO AERO	3552S	06154W	86	1008.3	1018.7	12.2	2.8	10.3	0.8	0	0	-28	1	191	100			
87548 JUNIN AERO	3433S	06057W	81	1008.3	1018.0	13.0	2.9	11.2	1.9	1	30	-8	3	207	100			
87576 EZEIZA AERO	3449S	05832W	20	1016.8	1019.3	13.4	2.9	11.7	1.8	2	24	-39	2	193	130			
87582 AEROPARQUE	3434S	05825W	6			14.2		12.2		3	24		1	210	125			
87623 SANTA ROSA AERO	3634S	06416W	191	994.1	1016.9	12.0	2.8	8.6	0.8	1	1	-16	2	169	94			
87642 AZUL AERO	3645S	05950W	132	1003.2	1019.2	10.3	2.2	9.7	0.8	1	2	-40	1	170	102			
87645 TANDIL AERO	3714S	05915W	175			9.0		9.1			15		1					
87648 DOLORES AERO	3621S	05744W	9	1018.8	1019.9	10.4	1.0	10.5	0.7	4	42	-21	2	162	100			
87679 PIGUE AERO	3736S	06223W	304	982.3	1018.7	8.4	0.6	8.9	1.4	3	15	3	3	165	85			
87688 TRES ARROYOS	3820S	06015W	115	1004.3	1017.9	9.6	1.2	8.8	1.0	2	18	-19	3	159	85			
87692 MAR DEL PLATA AERO	3756S	05735W	21	1016.3	1018.9	9.3	0.6	10.2	0.8	4	22	-46	1	113	75			
87715 NEUQUEN AERO	3857S	06808W	271	984.3	1016.7	10.5	2.8	7.6	1.8	1	9	-3	3	196	100			
87736 RIO COLORADO	3901S	06405W	79		1018.3	11.5		8.9		4	56		5	206				
87750 BAHIA BLANCA AERO	3844S	06210W	83	1009.0	1019.0	11.3	2.3	8.8	1.2	4	49	29	5	171	110			
87765 BARLOCHE AERO	4109S	07110W	840	917.4	1458 Y	4.7	1.9	6.3	0.2					120	81			
87784 SAN ANTONIO OESTE AERO	4044S	06457W	7	1018.0	1018.9	10.6	0.9	7.4	0.8	2	6	-10	2	169	94			
87791 VIEDMA AERO	4051S	06301W	7	1014.0	1014.9	9.3	1.0	8.7	2.0	3	45	19	5	173	90			
87828 TRELEW AERO	4312S	06516W	43	1008.4	1013.7	9.5	1.5	6.7	0.8	2		-11	1	182	103			
87860 COMODORO RIVADAVIA AERO	4547S	06730W	46	1004.0	1009.7	9.2	1.3	5.6	0.2	2	9	-12	2	160	117			
87880 GOBERNADOR GREGORES AERO	4847S	07010W	356	963.3	1006.4	4.6	1.1	5.0	0.3	1	1	-11	1	150	110			
87896 PUERTO DESEADO AERO	4744S	06555W	80	998.9	1008.7	5.8	0.8	5.3	-0.7	2	10	-5	3	117	100			
87909 SAN JULIAN AERO	4919S	06747W	62	998.8	1006.4	5.7	0.6	5.0	-0.1	1	21	4	4	184				
87912 SANTA CRUZ AERO	5001S	06834W	111	989.7	1003.3	4.7	0.5	4.9		3	9	-3	2	138				
87925 RIO GALLEGOS AERO	5137S	06917W	19	999.2	1001.5	2.6	-0.2	5.3	-0.3	4	13	0	3	96	74			
ANTARCTICA																		
SOUTH AFRICA (ANTARCTIC)																		
89001 S.A.N.A.E. STATION	7018S	00221W	62	980.0	987.5	-29.6	-2.6							43	95			
USA (ANTARCTIC)																		
89009 AMUNDSEN-SCOTT	9000S	00000E	2800	676.0		-61.5	-1.8			0	T	0	5	0				
UNITED KINGDOM (ANTARCTIC)																		
89062 ROTHERA POINT	6734S	06808W	17	975.8	977.9	-10.7		2.4										
89063 FARADAY (ARGENTINE ISLAND)	6515S	06416W	9	978.6	980.0	-7.4		2.8		281		5						
CHILE (ANTARCTIC)																		
89056 CENTRO MET. ANTARTICO "P.D.T.E."	6215S	05856W	10	31	979.9	981.1	-5.7	1.5	3.3									
89057 BASE ARTURO PRAT	6230S	05941W	5	31	980.0	980.9	-5.6		3.7	10	33							
89059 BASE BERNARDO O'HIGGINS	6319S	05754W	10	31	978.8	980.4	-9.3		2.4	10	93							
JAPAN (ANTARCTIC)																		
89532 SYOWA	6900S	03935E	21	31	980.4	983.2	-21.7	-2.2	0.8									
AUSTRALIA (ANTARCTIC)																		
89564 MAWSON	6736S	06253E	16		980.3	982.0	-20.3		0.6					94				
89571 DAVIS	6835S	07758E	13		979.0	980.7	-15.9	1.4	0.9	1	4	-1	3					
89611 CASEY	6616S	11032E	15		976.2	981.5	-14.7	0.9	1.3	-0.1	4	12	-10	2	37			

SW PAC-SINGAPORE

SURFACE

AUGUST 1990

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	MEAN	DEPARTURE	TOTAL	% OF AV.
SW PACIFIC	0°	0°	m	m	mb	mb	°C	°C	mb	mb	mm	mm	hr	%
SINGAPORE														
48698 SINGAPORE/CHANGI AIRPORT	0122N	10359E	16	31	1007.9	1009.7	28.0	30.9		11	147	2		
USA (PACIFIC OCEAN NORTH)														
91182 HONOLULU, OAHU, HAWAII	2121N	15756W	5		1014.9	1016.0	27.9	1.1	21.8	-0.5	0	0	-18	0
91217 GUAM, MARIANA IS.	1333N	14450E	111						30.5	0.8	0		363	118
91245 WAKE ISLAND AIRFIELD, WAKE I	1917N	16639E	4		1012.5	1012.9	28.6	0.5	29.8	1.0	14	69	-69	2
91334 TRUK, CAROLINE IS.	0728N	15151E	2		1008.8	1009.1	27.2	0.0	30.6	0.4	28	613	256	5
91348 PONAPE, CAROLINE ISLANDS.	0658N	15813E	46		1003.5	1008.7	27.1	0.3	30.9	1.3	26	504	69	5
91366 KWAJALEIN/BUCH, MARSHALL IS.	0844N	16744E	8			1009.7	28.5	0.5	31.7	1.4	18	162	-100	1
91376 MAJURO/MARSHALL IS. INTL	0705N	17123E	3		1009.4	1009.7	27.6	0.2	31.7	3.9	20	366	71	4
91413 YAP, CAROLINE IS.	0929N	13805E	17		1006.6	1008.5	26.7	-0.4	30.6	0.3	18	575	203	5
NEW CALEDONIA														
91577 KOUMAC (NLLE-CALEDONIE)	2034S	16417E	18		1011.1	1013.2	20.8	0.8	17.3	-0.2	3	74	28	5
91592 NOUMEA (NLLE-CALEDONIE)	2216S	16627E	72		1005.4	1013.9	20.4	0.6	16.7	-0.2	11	78	8	3
NEW ZEALAND (KIRIBATI)														
91610 TARAWA	0121N	17255E	4		1008.4	1008.8	28.3	0.3	31.2	2.7	25	270	148	5
NEW ZEALAND (TUVALU)														
91643 FUNAFUTI	0831S	17913E	2		1010.3	1010.5	28.0	0.3	31.4	1.2	18	326	52	4
FIJI														
91680 NANDI	1745S	17727E	18		1010.5	1014.1	23.6	0.2	22.8	1.8	8	181	124	5
91683 NAUSORI	1803S	17834E	7		1012.3	1013.2	23.1	0.6	23.7	1.4	14	213	86	5
SAMOA														
91762 APIA	1348S	17147W	2		1012.2	1012.5	25.9	0.1	26.7	-0.3	10	45	-100	2
USA (SAMOA)														
91765 PAGO PAGO/INT. AIRPORT	1420S	17043W	3		1011.6	1012.9	26.7	0.8	26.6	0.1	10	62	-117	1
NEW ZEALAND (COOK ISLANDS)														
91843 RAROTONGA	2112S	15949W	7		1014.6	1015.4	22.5	0.8	21.1	1.0	4	21	-154	1
FRENCH POLY. (MARQUESAS)														
91925 ATUONA	0948S	13902W	52		1006.9	1012.8	25.2	0.2	26.2	2.0	17	95	4	3
FRENCH POLY. (SOCIETY IS)														
91930 BORA-BORA	1627S	15145W	3		1013.6	1013.9	25.0	-0.3	26.4	2.7	10	133	55	5
91938 TAHITI-FAAA	1733S	14937W	2		1014.1	1014.4	24.8	0.6	24.8	2.9	5	162	117	6
FRENCH POLY. (TUAMOTU ISI)														
91943 TAKAROA	1429S	14502W	3		1013.6	1013.9	26.5	0.7	25.8	0.6	9	36	-35	2
91944 HAO	1804S	14057W	3		1014.6	1015.0	25.6	1.1	25.9	1.3	8	54	-2	3
91945 HEREHERETUE	1952S	14500W	3		1014.6	1015.0	24.5	0.9	24.1	1.7	9	119	43	5
91948 RIKITEA	2308S	13458W	89		1006.4	1016.6	21.8	0.4	21.7	2.3	15	170	59	5
FRENCH POLY. (AUSTRAL IS)														
91954 TUBuai	2321S	14929W	3		1015.1	1015.4	21.3	0.7	19.4	0.4	7	86	-71	2
91958 RAPA	2737S	14420W	2		1013.9	1014.2	18.9	1.3	16.3	0.1	16	149	-82	2
NEW ZEALAND														
93012 KAIAIA	3508S	17316E	87		998.2	1008.5	11.9		11.7	15	182	4	158	100
93119 AUCKLAND AIRPORT	3701S	17448E	6		1007.4	1008.1	12.0	0.4	11.5	0.3	15	198	73	5
93291 GISBORNE AERODROME	3840S	17759E	8		1007.5	1008.5	11.1	1.0	10.1	0.2	13	123	6	4
93308 NEW PLYMOUTH AERODROME	3901S	17411E	36		1003.0	1007.4	10.6	0.5	10.4	0.1	15	166	21	4
93614 HOKITIKA AERODROME	4243S	17059E	40		999.9	1005.3	9.1	1.1	8.8	0.1	13	165	-58	2
93780 CHRISTCHURCH AIRPORT	4329S	17233E	34		1001.9	1006.1	7.1	0.1	8.0	-0.1	12	171	112	6
93844 INVERCARGILL AERODROME	4625S	16820E	1		1005.1	1005.2	7.0	0.8	7.7	-0.3	7	20	-42	1
93944 CAMPBELL ISLAND	5233S	16909E	19		1000.8	1003.1	6.1	0.9	8.3	0.4	23	116	11	4
93986 CHATHAM ISLAND	4357S	17634W	48		1002.7	1008.6	9.0	0.7	9.9	0.3	15	107	25	4
AUSTRALIA														
94120 DARWIN AIRPORT	1224S	13052E	30		1010.1	1013.5	25.3	-0.6	17.7	-1.8	0	0	-3	4

SW PAC-AUSTRALIA

SURFACE

AUGUST 1990

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE				
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	DAYS 1 MM	TOTAL	DEPARTURE	QUINTILE	TOTAL	% OF AV.		
SW PACIFIC																		
AUSTRALIA																		
94150 GOVE AIRPORT	1216S	13649E	54	1007.9	1014.1	22.5	20.6	0	0	0	0	315						
94175 THURSDAY ISLAND	1035S	14213E	61	1006.0	1013.0	25.0	-0.3	22.1	-1.4	0	T	-9	1					
94203 BROOME AIRPORT	1757S	12213E	9	1012.9	1013.9	22.5	0.1	13.1	0.1	0	T	-2	2					
94212 HALLS CREEK AIRPORT	1813S	12739E	424	966.2	1013.9	23.3	1.2	5.8	-2.3	0	0	-3	4					
94238 TENNANT CREEK AIRPORT	1938S	13410E	376	972.9	1016.2	21.7	0.6	5.2	-2.1	0	0	3	341	105				
94287 CAIRNS AIRPORT	1653S	14545E	7	1014.9	1015.7	21.1	-0.9	15.0	-3.1	0	0	-27	0	315				
94294 TOWNSVILLE AIRPORT	1915S	14645E	6	1015.7	1016.4	18.8	-1.5	12.0	-3.4	0	T	-14	1	321	115			
94299 WILLIS ISLAND	1618S	14959E	9	1013.7	1014.7	23.7	-0.5	18.3	-3.0	3	11	-18	2					
94300 CARNARVON AIRPORT	2452S	11340E	7	1017.1	1017.9	16.5	-0.5	12.6	0.7	6	47	29	5					
94302 LEARMOUTH AIRPORT	2214S	11405E	6	1015.7	1016.3	18.9	-0.4	13.6	0.9	3	39	16	3					
94312 PORT HEDLAND AIRPORT	2022S	11837E	11	1013.9	1014.6	21.3	0.5	11.3	0.7	0	T	-5	2					
94326 ALICE SPRINGS AIRPORT	2348S	13354E	544	954.9	1018.4	15.2	1.1	6.4	-1.4	2	16	4	4	300	98			
94332 MT ISA AIRPORT	2039S	13929E	342	977.1	1016.7	18.9	0.7	6.2	-1.8	0	T	-7	2	336	105			
94346 LONGREACH AIRPORT	2326S	14416E	193	994.7	1017.4	14.3	-2.6	7.4	-1.1	1	3	-9	3					
94367 MACKAY	2107S	14913E	31	1012.5	1016.2	17.1	-0.7	11.6	-4.1	1	8	-26	2					
94380 GLADSTONE	2351S	15116E	76	1007.1	1016.0	18.3	-0.4	10.9	-2.4	1	12	-18	2					
94403 GERALDTON AIRPORT	2847S	11442E	34	1015.1	1019.2	13.5	-0.8	10.1	-2.0	12	59	-9	3					
94430 MEEKATHARRA AIRPORT	2636S	11831E	518	957.7	1017.9	14.3	-0.1	8.9	0.5	5	31	20	5					
94461 GILES	2502S	12818E	599	948.6	1017.6	16.4	1.2	5.8	-1.4	2	13	-1	4	272	87			
94510 CHARLEVILLE AIRPORT	2625S	14616E	304	981.9	1017.7	12.0	-1.3	7.5	-1.1	1	2	-19	1					
94527 MOREE	2928S	14951E	212	990.5	1015.8	10.3	-1.9	9.0	-0.4	3	8	-30	0	233				
94578 BRISBANE AIRPORT	2726S	15305E	6	1013.6	1014.2	14.5	-1.5	9.1	-2.2	3	8	-38	1	278	110			
94610 PERTH AIRPORT	3156S	11557E	12	1015.6	1019.1	12.8	-0.3	10.6	-0.7	15	88	-28	2	201	100			
94637 KALGOORLIE AIRPORT	3046S	12127E	360	976.3	1018.9	11.1	-0.5	8.4	-0.7	5	70	53	6					
94638 ESPERANCE	3349S	12153E	26	1014.7	1017.8	12.3	-0.7	9.8	-0.8	8	63	-23	2					
94646 FORREST AIRPORT	3050S	12806E	160	998.6	1017.9	12.0	0.1	8.9	-0.4	5	39	24	5					
94653 CEDUNA AIRPORT	3207S	13342E	17	1016.4	1018.3	12.1	0.1	10.4	0.6	8	31	-6	3	210	93			
94659 WOOMERA AERODROME	3109S	13648E	167	998.3	1018.4	12.2	-0.2	9.3	0.2	2	8	-8	3	247	99			
94672ADELAIDE AIRPORT	3456S	13831E	4	1015.4	1015.9	11.3	-0.3	10.1	-0.2	17	66	18	5	181	110			
94693 MILDURA AIRPORT	3414S	14205E	53	1009.1	1015.3	10.2	-1.0	9.4	0.2	12	29	1	3	203	96			
94711 COBAR	3129S	14549E	265	984.3	1015.8	10.5	-1.3	8.8	0.0	7	13	-19	2	211				
94767 SYDNEY AIRPORT	3357S	15111E	3	1010.7	1011.2	12.9	0.0	8.4	-1.1	10	183	96	5	230	105			
94776 WILLIAMTOWN AERODROME	3247S	15149E	11	1010.9	1011.9	12.5	0.0	9.7	-0.6	11	212	127	5	260	119			
94791 COFFS HARBOUR AIRPORT	3019S	15307E	5	1011.7	1012.4	13.3	-0.5	8.4	-1.9	4	14	-75	1	259	105			
94802 ALBANY AIRPORT	3457S	11748E	69	1008.7	1017.0	11.0	-0.9	10.2	-0.7	16	78	-31	1					
94821 MT GAMBIER AIRPORT	3744S	14047E	69	1004.3	1012.7	9.3	-0.2	9.5	-0.4	21	164	73	6	166	100			
94865 LAVERTON AERODROME	3751S	14444E	14	1009.5	1012.1	10.1	-0.5	9.0	-0.4	12	32	-22	1	164	120			
94907 EAST SALE AERODROME	3806S	14708E	8	1010.7	1011.7	10.0	0.5	9.6	0.1	14	61	3	4	160	95			
94910 WAGGA AIRPORT	3509S	14727E	213	987.8	1013.4	9.0	0.2	8.9	0.1	18	64	9	4	152				
94926 CANBERRA AIRPORT	3518S	14911E	577	944.3	1012.4	6.9	0.2	7.3	-0.2	10	44	-6	3	187	101			
94975 HOBART AIRPORT	4250S	14730E	3	1005.5	1008.8	8.1	-0.5	7.7	-0.8	14	68	17	5	178	110			
AUSTRALIA (ADDITIONAL IS.)																		
94995 LORD HOWE ISLAND	3131S	15905E	46	1008.4	1009.1	15.7	-0.2	13.2	-0.2	26	286	141	6					
94996 NORFOLK ISLAND AIRPORT	2902S	16756E	109	998.8	1011.7	16.3	0.5	13.6	-0.2	15	161	42	4	224	110			
94998 MACQUARIE ISLAND	5429S	15856E	6	1000.3	1001.0	2.9	-0.5	6.8	-0.7	17	59	-1	3					
ISLANDS																		
96996 COCOS ISLAND AIRPORT	1211S	09649E	3	1012.1	1012.4	25.6	-0.1	26.4	1.1	21	239	89	5					
PHILIPPINES																		
98135 BASCO	2027N	12158E	11	1001.5	1002.7	29.0	1.2	35.7	4.6	18	313	-65	3					
98223 LAOAG	1811N	12032E	5	1004.2	1004.8	28.0		33.6	19	1027	505	3						
98232 APARRI	1822N	12138E	4	1004.1	1004.4	27.5	-0.9	29.9	-1.1	20	507	273	5					
98325 DAGUPAN	1603N	12020E	2	1004.6	1004.8	28.3	0.7	33.6	3.6	22	756	196	4					
98328 BAGUIO	1625N	12036E	1501	847.8	1004.3	18.2		20.6	25	1600	809	3						
98429 MANILA INTL AIRPORT	1431N	12100E	15	1003.3	1005.7	27.6	0.3	24.0	-4.9	24	554	137	4					
98444 LEGASPI	1308N	12344E	17	1004.8	1006.7	27.7	0.1	31.7	2.2	12	276	0	3					
98550 TACLOBAN	1115N	12500E	21	1006.1	1006.4	27.8	-0.3	29.8	0.2	9	57	-66	1					
98637 ILOILO	1042N	12234E	8	1006.7	1007.6	28.4	1.2	31.7	0.5	18	466	141	4					
98646 MACTAN	1018N	12358E	9	1005.1	1007.9	28.4		29.8	13	109								
98653 SURIGAO	0948N	12530E	31	1000.8	1007.1						90	-61	2					
98836 ZAMBOANGA	0654N	12204E	6	1007.0	1007.7	28.7	1.6	31.6	2.3	7	221	89	5	208	175			

AFRICA-CHAD

SURFACE LATE REPORTS

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION		SUN-SHINE		
					MEAN mb	STATION mb	MEAN SEA LEVEL	MEAN °C	DEPARTURE °C	MEAN mb	DEPARTURE mb	DAYS 1 MM	DEPARTURE mm	QUINTILE hr	TOTAL hr
JUN 1990	0°	0°	3												
AFRICA															
CHAD															
64700 NDJAMENA	1208N	01502E	295										23	-42	1
64706 MOUNDOU	0837N	01604E	422										201	49	5
64750 SARH	0909N	01823E	365										93	-40	1
64754 AM-TIMAN	1102N	02017E	436										104	-21	2
64756 ABECHE	1351N	02051E	549										11	-25	1
JUL 1990															
EUROPE															
FRANCE															
07024 CHERBOURG	4939N	00128W	138	1002.7	1019.1	16.4	1.1	14.8	0.3	4	14	-32	1	310	
07110 BREST/GUIPAVAS	4827N	00425W	103	1007.5	1019.7	18.1	2.5	15.8	0.9	5	30	-21	2	322	145
07150 PARIS/LE BOURGET	4858N	00227E	65	1011.4	1019.1	19.6	1.4	13.3	-1.9	4	30	-21	2	307	137
07180 NANCY/ESSEY	4841N	00613E	217	994.2	1019.7	18.5	0.7	13.8	-1.5	9	42	-20	2	288	122
07190 STRASBOURG	4833N	00738E	154	1001.1	1019.2	19.0	0.3	14.7	-0.8	6	33	-28	1	284	124
07222 NANTES	4710N	00136W	27	1016.2	1019.4	20.8	2.3	15.5	-0.5	3	20	-28	2	290	123
07255 BOURGES	4704N	00222E	166	999.2	1018.5	20.8	1.8	14.3	-0.7	4	24	-27	2	296	126
07280 DI JON	4716N	00505E	227	992.6	1019.1	20.1	0.6	13.6	-1.5	5	22	-25	1	285	106
07434 LIMOGES	4552N	00111E	402	972.8	1019.1	19.7	1.8	14.4	0.0	5	26	-33	2	279	115
07480 LYON/BRON	4543N	00457E	201	994.9	1018.2	21.9	1.6	14.6	-1.1	4	71	12	4	316	111
07510 BORDEAUX/MERIGNAC	4450N	00042W	61	1012.0	1019.2	21.9	2.5	14.9	-2.1	4	25	-29	2	331	131
07630 TOULOUSE/BLAGNAC	4338N	00122E	153	1000.9	1018.7	23.4	2.8	14.4	-1.7	2	21	-26	2	324	126
07645 NIMES/COURBESSAC	4352N	00424E	62	1009.4	1016.6	24.8	1.7	16.7	1.2	3	24	-1	3	354	98
07650 MARSEILLE/MARIGNANE	4327N	00513E	36	1012.2	1016.4	23.5	0.2	18.3	1.2	2	7	-7	3	371	101
07690 NICE	4339N	00712E	10	1015.2	1016.4	23.5	1.0	21.8	2.1	2	17	-4	4	320	89
07747 PERPIGNAN	4244N	00252E	48	1012.7	1018.3	24.4	1.0	15.3	-1.2	4	27	4	4	342	107
07761 AJACCIO	4155N	00848E	9	1015.7	1016.3	22.7	0.9	23.1	3.2	2	24	13	5	338	88
AFRICA															
SUDAN															
62600 WADI HALFA	2149N	03129E	183	985.8	1006.3	35.3	2.6	12.0	0	0	-T	0	346		
62640 ABU HAMED	1932N	03319E	312	970.1	1004.5	35.1	1.0	8.5	-3.1	0	0	-3	0		
62650 DONGOLA	1910N	03029E	226	983.1	1005.2	34.2	0.7	11.2	-1.4	0	0	-7	0	399	
62730 KASSALA	1528N	03624E	500	953.2	1008.0	30.2	1.8	19.7	-1.9	2	7	-88	0	286	
62751 WAD MEDANI	1424N	03329E	408	962.5	1007.5	28.9	0.7	21.4	-0.6	3	39	-68	1		
62760 EL FASHER	1337N	02520E	730	928.1	1007.4	28.7	1.3	19.3	0.1	7	95	17	4	90	
62762 SENNAR	1333N	03337E	418	961.1	1007.5	29.1	22.9		9	98	9				
CHAD															
64700 NDJAMENA	1208N	01502E	295										172	15	3
64706 MOUNDOU	0837N	01604E	422										186	-58	2
64750 SARH	0909N	01823E	365										135	-86	1
64754 AM-TIMAN	1102N	02017E	436										210	16	4
64756 ABECHE	1351N	02051E	549										93	-23	3

EUROPE-U KINGDOM

SURFACE CORRECTIONS

STATION	LATITUDE	LONGITUDE	ELEVATION	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUN-SHINE
				MEAN mb	STATION	MEAN mb	SEA LEVEL	MEAN 0C	DEPARTURE 0C	MEAN mb	DEPARTURE mb	DEPARTURE mm	% OF AV.
APR 1990	0°	0°	3	3	3	3	3	3	3	3	3	3	3
EUROPE													
UNITED KINGDOM													
03026 STORNOWAY	5813N	00619W	13	30								160	112
03377 WADDINGTON	5310N	00031W	70	30								210	126
03917 BELFAST/ALDERGROVE AIRPORT	5439N	00613W	81	30									
MAY 1990													
EUROPE													
UNITED KINGDOM													
03005 LERWICK	6008N	00111W	84	31								163	98
03026 STORNOWAY	5813N	00619W	13	31									
03160 EDINBURGH AIRPORT	5557N	00321W	41	31									
03257 LEEMING	5418N	00132W	40	31									
03827 PLYMOUTH/MOUNT BATTEN	5021N	00407W	27	31								292	133

EUROPE—NORWAY

UPPER AIR

AUGUST 1990

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
860	990m	0	°C	°C	0	%	°	mps	860	990m	0	°C	°C	0	%	°	mps	860	990m	0	°C	°C	0	%	°	mps
EUROPE - NORWAY JAN MAYEN 01001 7056N 00840W 0B 3																										
030	24392	0	-44.8	29.3	1	31	76	1	030	24366	5	-44.8	35.2	7	52	69	2	030	24316	1	-46.6	30.7	1	37	85	1
050	20991	0	-46.1	20.8	1	15	202	1	050	20960	4	-46.1	34.6	4	21	22	1	050	20945	1	-47.9	30.4	1	26	272	1
100	16379	0	-45.9	27.7	0	42	247	2	100	16354	3	-46.4	34.2	4	61	297	3	100	16375	0	-48.0	30.5	0	68	252	4
150	13678	0	-45.3	28.2	0	37	239	3	150	13662	2	-46.4	33.6	2	75	281	5	150	13703	0	-48.0	30.6	0	68	253	6
200	11756	0	-45.6	26.5	0	34	227	4	200	11757	2	-48.5	27.1	2	73	284	7	200	11810	0	-49.2	24.1	0	56	250	8
300	9080	0	-45.8	11.2	0	13	158	2	300	9110	1	-46.9	10.1	2	56	293	8	300	9163	0	-46.0	9.0	0	44	233	8
500	5501	0	-20.8	8.0	0	23	150	3	500	5534	1	-20.9	11.2	1	63	274	6	500	5574	0	-19.8	9.4	0	57	220	6
700	2934	0	-5.5	5.0	0	43	139	4	700	2969	2	-5.4	10.5	1	60	262	4	700	2997	0	-4.2	5.1	0	72	223	6
850	1386	0	2.6	3.5	0	50	134	4	850	1424	2	1.7	6.1	1	16	238	1	850	1440	0	4.5	2.9	0	73	219	6
1000	*	9	7.4	0.8					1010	*	18	5.3	0.6					1010	*	8	13.4	1.9				
EUROPE - NORWAY ORLAND 01241 6342N 00936E 0B 3																										
030	24345	1	-46.8	31.7	1	54	42	2	030	24323	0	-47.5	32.7	0	46	60	2	030	24318	0	-47.7	32.6	0	48	60	2
050	20979	0	-48.7	30.6	0	41	290	2	050	20967	0	-49.5	32.0	0	38	292	2	050	20966	0	-49.9	31.8	0	35	276	2
100	16422	0	-48.5	30.4	0	72	270	5	100	16431	0	-49.9	32.0	0	71	269	5	100	16435	0	-50.7	31.5	0	71	260	6
150	13756	0	-48.5	28.7	0	67	266	8	150	13785	0	-50.4	29.8	0	74	275	9	150	13799	0	-51.2	28.3	0	78	270	11
200	11867	0	-50.3	21.3	0	66	269	12	200	11915	0	-52.3	19.8	0	69	277	14	200	11934	0	-52.5	19.6	0	73	269	15
300	9218	0	-44.9	8.7	0	58	264	14	300	9269	0	-43.7	9.7	0	62	277	14	300	9286	0	-43.1	9.4	0	67	262	15
500	5608	0	-18.7	8.8	0	64	252	9	500	5639	0	-17.3	10.4	0	65	268	10	500	5646	0	-16.5	11.6	0	73	251	12
700	3021	0	-3.3	5.8	0	67	245	6	700	3038	0	-2.3	7.3	0	59	243	6	700	3036	0	-1.1	9.3	0	68	250	8
850	1460	0	5.2	3.5	0	70	240	6	850	1469	0	7.0	5.1	0	41	228	3	850	1464	0	6.5	5.4	0	51	233	5
1011	*	10	13.8	1.9					999	*	201	15.2	4.9					1009	*	33	14.9	3.1				
EUROPE - FINLAND SODANKYLA 02836 6722N 02639E 0B																										
030	24308	0	-46.4		0	65	72	2	030	24301	0	-47.3		0	41	62	1	030	24316	0	-47.4		0	46	73	2
050	20932	0	-47.8		0	35	349	1	050	20940	0	-49.1		0	35	332	1	050	20961	0	-49.4		0	32	324	1
100	16367	0	-48.4		0	69	290	4	100	16397	0	-49.4		0	63	285	4	100	16421	0	-49.5		0	63	287	4
150	13699	0	-48.5		0	67	284	5	150	13742	0	-49.5		0	61	285	6	150	13769	0	-49.7		0	63	287	7
200	11810	0	-50.4		0	59	282	7	200	11681	0	-51.0		0	54	286	8	200	11891	0	-51.3		0	58	287	10
300	9177	0	-46.8	7.4	0	48	284	7	300	9221	0	-45.8	7.7	0	41	277	8	300	9245	0	-44.9	8.5	0	45	287	9
500	5592	0	-19.8	7.8	0	44	269	4	500	5620	0	-18.7	9.5	0	38	280	4	500	5633	0	-18.2	9.3	0	44	280	5
700	3013	0	-3.8	6.2	0	47	247	3	700	3033	0	-3.2	5.8	0	41	278	3	700	3040	0	-2.6	5.8	0	41	284	3
850	1455	0	4.4	2.7	0	38	230	2	850	1469	0	6.2	3.6	0	31	273	2	850	1473	0	6.7	4.1	0	36	274	3
992	*	179	0	11.6	3.3				996	*	145	0	13.9	4.4					1001	*	103	14.8	3.6			
EUROPE - UNITED KINGDOM LERWICK 03005 6008N 00111W 0B 3																										
030	24314	0	-46.5		0	48	55	2	030	24342	0	-47.1		0	25	297	1	030	24321	0	-48.1		0	67	79	3
050	20958	0	-48.3		0	24	234	1	050	20981	0	-49.3		0	29	243	1	050	20982	0	-51.0		0	16	301	1
100	16423	0	-49.6		0	78	256	6	100	16448	0	-50.1		0	94	232	8	100	16495	0	-53.2		0	84	264	7
150	13769	0	-49.5		0	78	254	12	150	13800	0	-49.9		0	81	259	13	150	13890	0	-54.0		0	83	269	13
200	11888	0	-50.9		0	77	253	18	200	11921	0	-50.5		0	77	253	19	200	12048	0	-54.9		0	80	267	17
300	9228	0	-43.4		0	65	247	18	300	9253	0	-42.7		0	71	251	20	300	9398	0	-41.4		0	74	267	17
500	5602	0	-17.5	10.7	0	68	242	13	500	5616	0	-16.9	10.0	0	77	249	15	500	5727	0	-14.1	15.0	0	78	262	14
700	3005	0	-2.4	8.3	0	69	238	9	700	3014	0	-2.0	8.0	0	75	247	11	700	3095	0	1.1	9.9	0	79	261	11
850	1441	0	5.0	3.5	0	55	231	6	850	1449	0	5.3	3.5	0	71	239	9	850	1512	0	8.3	4.7	0	77	255	8
1001	*	84	0	12.3	1.8				1011	*	13	0	13.3	2.7				1011	*	56	0	16.9	3.9			
EUROPE - UNITED KINGDOM CRAWLEY 03774 5105N 00013W 0B 3																										
030	24293	0	-48.8		0	69	91	7	030	24324	11	-48.3		16	78	82	4	030	24327	0	-80.1	33.3	0	89	103	6
050	20963	0	-51.9		0	6	46	1	050	20974	1	-51.5		5	33	270	1	050	20948	0	-47.6	31.5	0	70	135	4
100	16506	0	-54.8		0	84	269	14	100	16509	0	-54.4		3	83	266	8	100	16371	0	-47.4	31.5	0	57	197	4
150	13921	0	-55.7		0	27	21		150	13920	0	-55.3		1	82	272	14	150	13684	0	-46.1	31.6	0	52	213	6
200	12094	0	-56.5		0	73	277	27	200	12089	0	-56.2		1	80	275	19	200	11764	0	-45.0	27.8	0	47	216	7
300	9451	0	-41.0		0	68	271	25	300	9436	0	-40.2	9.9	0	78	271	19	300	9820	0	-45.9	10.0	0	33	215	6
500	5769	0	-13.4	15.8	0	76	268	20	500	5748	0	-13.4	12.0	0	80	264	14	500	5501	0	-20.6	8.2	0	33	179	4
700	3131	0	2.5	13.5	0	75	266	15	700	3108	0	2.1	12.3	0	79	260	11	700	2933	0	-5.0	6.8	0	48	154	10
850	1538	0	10.2	7.1	0	65	258	10	850	1519	0	8.9	6.4	0	81	257	9	850	1382	0	3.3	3.9	0	55	139	6
1002	*	144	0	18.8	5.5				1017	*																

EUROPE-NETHERLANDS

UPPER AIR

AUGUST 1990

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED
mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps
EUROPE - NETHERLANDS DE BILT 06260 5206N 00511E OB 1																										
030	24319	1	-48.7		0	74	98	3	030	24310	0	-48.6		3	84	101	4	030	24278	10	-49.4					
050	20984	1	-51.5		0	32	291	1	050	20985	0	-52.6		1	46	115	2	050	20969	3	-53.4		7	13	17	0
100	16509	0	-53.8		0	83	274	7	100	16546	0	-55.6		1	84	271	6	100	16544	2	-56.7		3	88	274	8
150	13912	0	-54.7		0	80	281	10	150	13967	0	-55.7		1	82	280	10	150	13980	2	-57.2		3	74	284	10
200	12076	0	-55.7		0	71	281	13	200	12137	0	-56.3	9.5	1	61	284	9	200	12161	2	-56.8		2	68	290	10
300	9429	0	-41.2		0	69	278	13	300	9494	0	-40.9	10.9	1	51	285	7	300	9508	2	-39.8		2	67	285	9
500	5757	0	-14.3	10.5	0	74	271	10	500	5807	0	-12.7	14.2	1	49	292	5	500	5811	2	-12.2	10.1	1	73	281	9
700	3125	0	1.8	13.7	0	71	262	7	700	3159	0	3.3	10.3	0	40	248	3	700	3158	2	3.8	11.6	1	66	278	6
850	1534	0	10.4	7.7	0	75	264	7	850	1555	0	13.4	9.3	0	21	242	1	850	1558	2	10.9	7.5	6	58	292	4
1018	*	4	0	15.7	2.5			963	*	491		19.3	7.4					964	*	103		15.4	4.2			
EUROPE - FRANCE TRAPPES 07145 4846N 00201E OB 1																										
030	24317	7	-48.9		4	80	83	4	030	21013	12	-51.7		9	10	217	0	030	24292	11	-49.9		8	86	114	5
050	20990	3	-52.4		2	36	304	1	050	2108	6	-54.7		5	83	271	7	050	20985	6	-53.6		4	40	126	2
100	16543	2	-55.8		4	87	273	8	100	16556	6	-54.7		4	72	288	9	100	16567	4	-57.4		2	84	277	7
150	13971	3	-56.0		4	82	280	12	150	13971	7	-55.2		4	58	289	9	150	14003	3	-56.8		2	74	277	10
200	12149	1	-56.9		4	68	282	12	200	12144	4	-56.4		4	60	291	9	200	12182	3	-56.9		2	63	285	9
300	9498	1	-40.1		3	66	276	11	300	9492	4	-40.2	6.9	2	59	283	7	300	9528	3	-40.1	10.9	2	53	286	7
500	5804	1	-12.5	14.6	4	70	279	8	500	5803	1	-12.5	9.5	1	49	274	4	500	5830	2	-12.1	15.7	1	51	293	5
700	3155	0	3.0	11.0	6	53	265	5	700	3156	1	2.6	8.8	1	54	317	4	700	3174	1	3.8	12.1	1	37	282	3
850	1555	0	11.9	7.7				850	1559	1	11.4	6.0	2	29	257	2	850	1569	1	13.1	9.1	3	40	310	2	
959	*	168	18.7	9.2				963	*	217		19.4	9.2					963	*	240		21.5	11.1			
EUROPE - FRANCE BORDEAUX/MERIGNAC 07510 4450N 00042W OB 1																										
030	24312	2	-49.4		2	90	93	6	030	24290	14	-50.0		9	90	84	6	030	24301	14	-50.4		9	62	103	3
050	21001	1	-53.6		1	51	71	2	050	20986	7	-54.1		6	48	81	2	050	21008	7	-53.9		6	84	276	8
100	16595	1	-57.5		1	84	276	8	100	16582	1	-57.9		3	87	277	8	100	16614	6	-58.2		6	83	292	11
150	14034	1	-56.8		0	73	284	9	150	14024	1	-56.5		2	83	284	10	150	14060	4	-56.6		6	64	294	9
200	12212	1	-56.5		0	58	283	9	200	12203	1	-56.6		2	58	285	9	200	12229	4	-55.0		5	59	310	6
300	9550	1	-39.3	13.7	0	50	283	7	300	9545	1	-39.5	10.0	2	58	283	7	300	9563	3	-39.0	7.7	5	50	313	5
500	5846	0	-11.4	14.9	0	63	286	6	500	5837	1	-11.1	13.8	2	55	304	4	500	5851	4	-11.1	10.6	5	54	313	5
700	3183	0	5.1	13.1	0	61	281	4	700	3171	1	5.4	11.4	1	54	317	4	700	3181	3	5.3	7.3	4	50	329	3
850	1572	0	14.2	10.0	0	29	269	2	850	1555	1	15.2	12.5	4	50	334	4	850	1563	2	15.7	6.9	6	30	263	1
1018	*	61	21.0	11.5				961	*	62		21.2	10.7					956	*	9		22.1	6.9			
EUROPE - GIBRALTAR GIBRALTAR 08495 3609N 00520W OB 3																										
030	24200	0	-52.1		0	10	91	13	030	24256	9	-51.2		9	99	94	10	030	23800	3	-50.1		3	65	73	3
050	20979	0	-57.3		0	92	92	7	050	20975	5	-56.4		6	95	92	6	050	20545	4	-52.1		4	30	263	1
100	16627	0	-64.2		0	78	261	7	100	16634	2	-61.4		2	80	257	13	100	16155	0	-53.2		0	82	271	6
150	14130	0	-59.9		0	94	267	18	150	14108	1	-57.3	24.2	1	93	258	13	150	13610	0	-54.2		0	80	278	10
200	12314	0	-54.9		0	91	257	19	200	12282	1	-54.8	16.8	1	88	261	14	200	11791	0	-55.0	7.1	0	73	278	13
300	9635	0	-37.9	17.7	0	87	254	15	300	9604	0	-38.5	13.7	0	77	264	11	300	9203	0	-42.5	7.2	0	67	276	13
500	5909	0	-9.9	20.3	0	85	263	12	500	5882	0	-10.2	18.2	0	72	263	7	500	5619	0	-15.0	9.2	0	73	270	10
700	3216	0	10.4	25.3	0	74	254	7	700	3198	0	8.2	19.0	0	52	275	3	700	3038	0	1.1	8.5	0	75	264	6
850	1571	0	20.5	20.4	0	38	319	3	850	1564	0	18.4	19.8	0	23	305	1	850	1479	1	9.4	7.1	1	74	257	7
1018	*	4	0	25.2	4.4			1006	*	105		23.2	9.0					1011	*	50	1	17.4	4.9			
EUROPE - GERMANY, FEDERAL REPUBLIC HANNOVER 10338 5228N 00942E OB 3																										
030	24297	0	-48.9		0	78	94	4	030	24297	0	-48.9		0	78	94	4	030	23814	0	-49.0		0	76	95	3
050	20957	0	-51.7		0	10	267	0	050	20969	0	-51.7		0	17	223	1	050	20553	0	-52.0		0	7	82	0
100	16156	0	-53.7	12.4	0	81	275	6	100	16490	0	-53.2		0	78	278	6	100	16176	0	-54.3	30.4	0	80</td		

EUROPE—GERMANY, FED REP

UPPER AIR

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EUROPE-TURKEY

UPPER AIR

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LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	
mb	gpm		°C	°C	%	o	mps	mb	gpm		°C	°C	%	o	mps	mb	gpm		°C	°C	%	o	mps			
EUROPE - TURKEY ADANA 17352 3659N 03518E OB 2																										
030	24314	11	-49.8		9	91	95	16	030									030								
050	21023	7	-56.5		7	92	120	10	050									050	20843	23	-62.8		9	99	90	18
100	16751	7	-67.9		7	99	240	30	100	16878	0	-72.9						100	16768	2	-73.6		3	97	94	17
150	14283	6	-59.5		6	98	240	46	150	14434	0	-61.1						150	14379	0	-63.1		0	87	95	10
200	12433	6	-44.5		6	9	250	52	200	12588	0	-48.1						200	12548	0	-47.9		0	8	98	8
300	9656	2	-29.7		2	96	250	52	300	9792	0	-27.7	13.7	0	97	249	17	300	9751	0	-27.1	21.7	0	81	77	
500	5849	2	-6.1	4.2	2	73	250	16	500	5920	0	-1.4	18.4	0	91	253	9	500	5886	0	-4.0	13.9	0	29	85	5
700	3136	2	10.4	19.4	2	48	360	4	700	3166	0	13.3	20.2	0	89	241	7	700	3138	0	16.2	19.7	0	16	93	1
850	1491	2	20.8	11.9	2	67	300	4	850	1512	0	20.8	16.9	0	66	349	3	850	1450	0	29.5	23.2	0	29	315	1
1004	*	20	33.4	20.8					1007	*	30	0	30.4	11.1				996	*	27	0	34.9	8.4			
ASIA - OMAN SALALAH 41316 1702N 05405E OB 3																										
030	23996	11	-53.1					030									030									
050	20754	7	-61.8					050									050	21104	6	-57.7						
100	16639	6	-77.8					100									100	16922	1	-73.4		6	98	88	15	
150	14267	5	-65.5		9	93	96	51	150								150	14487	1	-60.4		2	75	78	9	
200	12457	5	-51.7		9	95	97	46	200	12619	4	-41.3		9	68	291	10	200	12630	1	-45.6		1	43	75	3
300	9695	4	-29.5	14.6	9	84	96	24	300	9765	4	-24.5		9	72	293	8	300	9805	0	-27.0		0	35	117	2
500	5853	3	-5.8	12.9	7	55	58	8	500	5863	4	-1.9	8.8	9	39	290	2	500	5889	0	0.3	9.8	0	30	117	2
700	3121	3	15.0	19.0	8	57	10	7	700	3109	4	15.2	8.6	9	47	329	1	700	3113	0	14.3	5.3	0	43	70	3
850	1445		21.7	12.5	8	84	190	15	850	*1587		23.4	5.6				850	1440	0	22.8	3.3	0	33	117	2	
1001	*	22	26.3	2.4					987	*	128	28.8	4.0				970	*	216	27.8	3.6					
ASIA - INDIA JODHPUR 42339 2618N 07301E OB 3																										
030								030									030									
050								050									050									
100	16972	9	-72.2		9	92	83	11	100	16790	11	-75.5		9	92	96	13	100	16887	0	-73.5		6	94	77	12
150	14449	9	-59.6		9	88	85	7	150	14409	4	-63.3		9	87	86	8	150	14458	0	-61.6		5	80	64	8
200	12610	2	-45.5	9.4	9	95	77	4	200	12581	2	-47.9		9	69	92	6	200	12615	0	-46.9		5	75	57	7
300	9783	2	-24.3	9.8	9	70	87	5	300	9771	1	-25.5	8.6	9	69	110	4	300	9791	0	-24.6	8.5	5	83	75	6
500	5875	1	-0.9	20.0	9	59	75	4	500	5861	1	-0.5	8.0	6	51	112	3	500	5871	0	-0.9	6.2	3	36	111	2
700	3109	0	14.0	7.3	9	50	57	4	700	3103	0	13.6	5.5	3	54	115	4	700	3114	0	12.9	4.4	1	49	215	2
850	1440	0	22.8	4.4	5	21	251	2	850	1440	0	23.3	4.0	3	47	120	3	850	1456	0	21.1	3.1	1	59	240	2
996	*	55	29.0	5.4					1001	*	6	28.5	2.6				997	*	54	28.4	3.0					
ASIA - INDIA AHMADABAD 42647 2304N 07238E OB 3																										
030								030									030									
050								050									050									
100	16912	8	-74.1					100									100	16781	1	-76.9		0	85	83	18	
150	14496	5	-60.2					150	14425	7	-61.9		8	96	80	15	150	14378	0	-62.2		0	97	84	18	
200	12646	3	-44.3					200	12593	1	-47.5		2	94	81	13	200	12547	0	-47.8		0	91	87	14	
300	9788	2	-23.2	7.9				300	9779	1	-25.0	8.3	1	94	93	10	300	9730	0	-25.8	8.0	0	91	95	9	
500	5859	0	-0.5	8.7				500	5869	0	-1.0	7.0	0	68	112	5	500	5831	0	-1.7	8.4	0	14	199	1	
700	3095	0	13.3	3.1				700	3108	0	13.3	5.2	0	57	131	4	700	3077	0	12.7	5.0	0	23	127	2	
850	1440	0	20.7	1.6	2	96	259	11	850	1466	0	21.6	3.6	0	59	147	4	850	1427	0	20.7	3.0	0	16	149	1
996	*	55	27.5	2.4					997	*	6	28.5	2.6				995	*	46	27.3	2.2					
ASIA - INDIA BOMBAY/SANTACRUZ 43003 1907N 07251E OB 3																										
030								030									030									
050								050									050									
100	16890	16	-72.5		9	78	82	20	100	16892	4	-75.3		7	92	86	26	100	16458	5	-60.5		9	96	86	20
150	14441	12	-59.7		9	92	85	21	150	14466	3	-60.4		3	97	84	23	150	14379	0	-64.9	9.1	8	98	87	18
200	12595	8	-44.6		9	89	95	15	200	12616	0	-45.9	9.3	2	92	78	17	200	12601	2	-44.9	9.1	8	98	87	18
300	9761	4	-24.7	10.7	5	79	86	7	300	9783	0	-24.5	9.4	1	77	80	8	300	9760	1	-23.7	10.3	6	85	94	9
500	5841	2	-1.0	4.2	4	20	305	10	500	5887	0	-1.8	8.2	1	25	320	2	500	5842	0	-1.3	8.4	3	8	148	1
700	3097	2	11.5	1.6	3	54	241	5	700	3149	0	12.1	2.3	0	81	296	8	700								

ASIA-INDIA

UPPER AIR

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LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND								
PRESSURE	HEIGHT	MISSING	MEAN	Dew Point	MISSING	DEPRESSION	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING	MEAN	Dew Point	MISSING	DEPRESSION	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING	MEAN	Dew Point	MISSING	DEPRESSION	STEADINESS	DIRECTION	SPEED
mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps			
ASIA - INDIA GOA/PANJIM 43192 1529N 07349E OB 3																													
ASIA - INDIA MADRAS/MINAMBAKKAM 43279 1300N 08011E OB 3																													
030									030									030											
050									050									050											
100									100	16843	2	-75.0						100	16796	6	-75.5								
150	14429	9	-61.3						150	14398	2	-62.1						150	14384	5	-62.9								
200	12564	1	-47.1						200	12567	1	-47.9						200	12553	5	-48.1								
300	9749	1	-26.7	7.9					300	9766	1	-26.0	8.6	1	79	93	7	300	9762	2	-26.8	8.4	3	75	108	6			
500	5857	1	-2.6	9.0					500	5875	1	-2.1	8.0	1	54	288	4	500	5875	1	-3.0	7.7	3	75	301	4			
700	3122	0	10.6	3.7					700	3130	0	11.6	2.8	0	88	290	9	700	3136	0	10.3	3.0	0	98	294	10			
850	1480	0	18.2	2.5					850	1473	0	21.2	4.5	0	97	289	11	850	1494	0	18.1	1.2	0	96	297	12			
1000	* 60		25.4	1.5					1000	* 16		29.7	6.2					1000	* 31		25.0	1.5							
ASIA - INDIA PORT BLAIR 43333 1140N 09243E OB 3																													
ASIA - INDIA COCHIN/WILLINGDON 43353 0957N 07616E OB 3																													
030	24354	0	-63.7						030	21000	8	-58.3						030											
050									050	16757	4	-73.3						050											
100									100	14354	0	-63.7						100											
150									150	12528	0	-49.6						150	12531	1	-49.3	8.4	1	95	89	26			
200									200	9739	0	-27.8						200	9742	1	-28.0	8.4	1	87	98	11			
300	5884	2	-3.2	10.0	2	40	226	3	300	5866	0	-2.9						300	5872	1	-3.6	13.2	1	78	283	5			
500	3141	0	11.3	6.2	0	85	252	7	700	3132	0	10.6	7.1					700	3143	0	10.0	10.9	0	81	294	5			
700	1488	0	19.7	4.2	0	88	241	9	850	1494	0	18.0	2.6					850	1502	0	18.0	4.9	0	97	299	16			
998	* 79		26.5	2.3					1000	* 3		26.3	2.8					1000	* 2		23.2	4.2							
ASIA - INDIA TRIVANDRUM 43371 0829N 07657E OB 3																													
ASIA - HONG KONG KING'S PARK 45004 2219N 11410E OB 1																													
030	23991	6	-52.0		7	66	90	6	030	24041	4	-54.5	30.3	0	99	89	20	030	24282	2	-49.6		3	91	83	6			
050	20927	0	-57.0		0	84	95	7	050	20832	2	-60.4	27.9	1	99	86	17	050	20983	1	-55.3		2	34	52	1			
100	16692	0	-72.9		0	93	97	22	100	16722	0	-77.7	12.0	0	97	80	16	100	16627	0	-60.7		0	94	274	16			
150	14294	0	-64.4		0	97	90	33	150	14337	0	-64.0	11.4	0	74	78	8	150	14092	0	-57.3		0	91	273	30			
200	12482	0	-50.4		0	98	92	26	200	12513	0	-49.0	12.0	0	64	73	6	200	12247	0	-50.1		0	90	273	37			
300	9713	0	-29.1	13.0	0	87	104	9	300	9415	0	-26.5	11.4	0	46	70	4	300	9509	0	-33.9	9.5	0	88	273	29			
500	5863	0	-4.1	10.9	0	78	298	4	500	5855	0	-3.1	10.7	0	20	40	2	500	5749	0	-9.3	16.9	0	88	269	15			
700	3139	0	10.8	13.3	0	95	304	13	700	3115	0	12.1	9.7	0	5	13	1	700	3073	0	5.4	12.0	0	78	276	8			
850	1495	0	18.2	4.2	0	97	318	16	850	1461	0	20.3	6.0	0	16	347	1	850	1459	0	13.9	7.9	1	66	265	5			
1000	* 64		26.3	3.3					996	* 66		28.4	4.0					1000	* 11		19.9	2.3							
ASIA - JAPAN SAPPORO 47412 4303N 14120E OB 2																													
ASIA - JAPAN NEMURO 47420 4320N 14535E OB 2																													
030	24243	1	-50.6		2	99	88	8	030	24262	4	-50.3			7	97	87	8	030	24250	4	-51.7		5	99	87	11		
050	20962	1	-57.0		1	78	69	3	050	20977	0	-56.4		1	56	47	2	050	20984	1	-58.2		1	88	75	5			
100	16657	0	-64.3		0	91	274	14	100	16654	0	-63.8		0	91	283	15	100	16734	0	-67.7		0	85	281	10			
150	14161	0	-59.3		0	91	277	27	150	14151	0	-59.1		0	91	280	27	150	14263	0	-61.1		0	86	280	20			
200	12326	0	-50.4		0	88	275	31	200	12315	0	-50.7		0	92	278	31	200	12436	0	-50.5		0	81	278	22			
300	9580	0	-32.2	11.2	0	86	269	27	300	9572	0	-32.1	10.5	0	93	274	27	300	9677	0	-30.1	12.4	0	84	269	20			
500	5789	0	-7.8	14.5	0	89	267	15	500	5782	0	-7.9	18.2	0	93	273	16	500	5844	0	-4.9	14.5	0	83	262	13			
700	3097	0	7.3	14.8	0	83	270	9	700	3092	0	6.4	10.1	0	82	271	8	700	3127	0	9.3	11.4	0	83	258	8			
850	1474	0	15.5	7.3	0	67	252	5	850	1472	0	14.7	5.6	0	61	271	5	850	1491	0	17.7	6.7	0	71	239	5			
1000	* 19		22.7	3.7					1007	* 26		17.4	0.7					1008	* 10		25.3	4.3							
ASIA - JAPAN SENDAI 47590 3816N 14054E OB 2																													

ASIA-JAPAN

UPPER AIR

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LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND				
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED
mb	gpm		°C	°C	%	o	mps	mb	gpm		°C	°C	%	o	mps	mb	gpm		°C	°C	%	o	mps		
ASIA - JAPAN HACHIJOJIMA/OMURE 47678 3307N 13947E OB 2																									
030	24187	5	-52.6		6	99	85	15	030	24229	1	-51.4		6	99	89	13	030	24170	1	-53.6		4	99	87
050	20942	1	-60.1		1	98	85	11	050	20972	0	-58.5		0	98	89	9	050	20930	1	-60.4		1	98	84
100	16755	0	-71.9		0	53	49	4	100	16765	0	-70.8		0	39	292	2	100	16755	0	-72.2		0	30	49
150	14328	0	-62.9		4	24	328	3	150	14324	0	-62.6		0	61	273	7	150	14332	0	-63.2		0	21	272
200	12507	0	-50.1		1	29	336	4	200	12500	0	-50.2		0	58	276	9	200	12512	0	-50.2		0	25	297
300	9737	0	-29.2	15.5	2	29	307	4	300	9729	0	-29.0	12.7	0	65	262	8	300	9740	0	-29.0	14.7	0	18	303
500	5886	0	-3.1	18.9	2	25	277	3	500	5881	0	-3.0	17.3	0	52	256	4	500	5888	0	-3.1	16.5	0	16	219
700	3152	0	11.2	11.8	3	33	248	3	700	3143	0	11.2	12.9	0	47	237	3	700	3151	0	11.6	13.7	0	32	182
850	1505	0	19.1	7.5	4	11	276	1	850	1496	0	19.6	7.5	0	53	218	3	850	1503	0	19.5	6.1	0	24	163
993	* 153		25.6	2.2					1007	*	8	27.7	4.6					1001	*	75	26.8	2.2			
ASIA - JAPAN FUKUOKA 47807 3335N 13023E OB 2																									
030	24177	0	-52.9		0	99	87	15	030	24157	4	-52.6		5	99	83	16	030	24122	6	-53.8		9	99	87
050	20938	0	-59.9		0	97	86	11	050	20923	1	-60.4		2	98	89	13	050	20895	1	-61.6		3	99	87
100	16761	0	-72.3		0	18	49	1	100	16755	0	-72.6		0	68	85	4	100	16750	0	-74.0		0	93	87
150	14333	0	-62.6		0	29	280	3	150	14333	0	-62.8		0	4	291	1	150	14339	0	-63.1		0	31	70
200	12508	0	-49.8		0	30	291	4	200	12509	0	-49.8		0	9	331	1	200	12517	0	-49.7		0	19	90
300	9736	0	-29.0	12.5	0	38	245	4	300	9737	0	-28.8	14.7	0	18	139	2	300	9736	0	-27.9	13.2	0	28	103
500	5881	0	-3.0	15.9	1	26	189	2	500	5882	0	-2.9	17.0	0	36	126	3	500	5874	0	-2.7	13.8	0	38	103
700	3142	0	11.7	11.3	1	37	187	3	700	3140	0	11.9	11.6	0	45	136	4	700	3130	0	11.6	8.5	1	32	126
850	1492	0	20.1	6.3	0	47	158	3	850	1490	0	19.5	3.7	0	53	143	4	850	1479	0	19.8	4.7	1	45	122
1006	* 14		29.2						976	*	283	25.7	2.0					973	*	295	25.6	1.3			
ASIA - JAPAN ISHIGAKIJIMA 47918 2420N 12410E OB 2																									
030	24073	4	-54.0		5	99	86	19	030	24084	1	-54.4		1	98	86	19	030	24071	5	-53.9		6	99	87
050	20854	3	-61.5		4	99	89	17	050	20868	0	-62.1		1	99	89	16	050	20858	2	-62.3		3	99	85
100	16725	0	-77.0		1	9	87	11	100	16735	0	-75.6		0	91	88	10	100	16729	0	-76.0		0	98	85
150	14335	0	-64.1		1	52	67	7	150	14335	0	-63.8		0	41	64	5	150	14332	0	-63.8		0	31	53
200	12515	0	-49.3		2	34	67	4	200	12514	0	-49.8		0	23	99	3	200	12512	0	-49.8		0	17	73
300	9726	0	-27.3	10.9	2	35	56	3	300	9732	0	-27.7	11.2	0	43	98	4	300	9731	0	-27.9	10.6	0	32	99
500	5856	0	-2.6	13.0	1	19	60	2	500	5868	0	-2.8	11.0	0	33	103	4	500	5871	0	-3.0	11.3	0	30	107
700	3108	0	13.0	10.6	1	9	68	1	700	3122	0	12.2	9.4	0	44	118	5	700	3130	0	11.7	9.7	0	41	125
850	1450	0	20.5	5.2	2	24	99	3	850	1470	0	19.8	4.2	0	42	134	5	850	1479	0	19.7	4.7	0	30	135
1010	* 7		28.8	3.3					1002	*	27	28.5	3.7					1004	*	15	28.1	3.1			
ASIA - JAPAN CHICHIJIMA 47971 2705N 14211E OB 2																									
030	24097	9	-54.0		2	99	84	16	030	24044	2	-54.8		3	99	85	20	030	24175	6	-53.0		6	97	88
050	20878	2	-61.8		2	99	84	16	050	20833	0	-61.8		0	99	89	15	050	20926	6	-58.8		6	98	93
100	16723	0	-74.3		0	89	68	12	100	16666	0	-74.0		0	88	66	12	100	16648	2	-66.1		2	92	229
150	14324	0	-64.6		0	43	47	6	150	14278	0	-66.6		0	36	33	6	150	14167	1	-62.0		1	91	243
200	12511	0	-50.8		0	26	32	4	200	12482	0	-52.5		0	34	46	5	200	12358	0	-55.0		0	90	241
300	9742	0	-28.8	11.9	0	17	83	2	300	9731	0	-30.5	10.3	0	41	44	4	300	9664	0	-36.6	18.1	0	87	244
500	5895	0	-3.8	13.0	0	38	135	5	500	5903	0	-5.1	11.1	0	41	53	3	500	5920	0	-9.7	17.8	0	84	236
700	3164	0	10.9	9.9	0	45	147	6	700	3182	0	10.4	10.0	0	46	90	3	700	3228	0	9.5	20.4	0	64	241
850	1517	0	18.9	5.9	0	51	152	7	850	1539	0	18.3	5.1	0	61	109	4	850	1587	0	17.9	17.1	0	19	3
1010	* 8		27.2	3.1					1013	*	9	27.2	3.3					1015	*	56	25.2	6.5			
AFRICA - ALGERIA DAR-EL-BEIDA 60390 3643N 00315E OB 3																									
030	20899	4	-59.3						050	20899	4	-59.3						030	20899	4	-59.3				
100	16658	0	-68.2						100	16658	0	-68.2						100	16641	3	-76.5		9	48	90
150	14230	0	-61.8						150	14230	0	-61.8						150	14261	3	-66.7		6	47	100
200	12385	0	-53.0						200	12385	0	-53.0						200	12467	2	-53.1		5	43	100
300	9683	0	-36.5	17.4	1	49	290	8	300	9683	0	-36.5	17.4	1	67	310	6	300	9723	2	-30.9	11.6	4	45	90
500	5936	0	-10																						

AFRICA-MALI

UPPER AIR

AUGUST 1990

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND						
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEN POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEN POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEN POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	
mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps	
AFRICA - MALI TOMBOUCTOU 61223 1643N 00300W OB 2																											
030									030									030									
050									050									050									
100	16660	1	-55.1						100	16649	2	-75.4						100	16689	7	-75.1						
150	14273	1	-66.3						150	14261	2	-66.3						150	14279	2	-66.8						
200	12475	1	-52.6						200	12466	2	-53.1						200	12426	0	-53.2						
300	9731	1	-41.1	12.9					300	9724	2	-30.9	11.2					300	9740	0	-30.8	12.1					
500	5919	1	-4.7	10.3					500	5903	2	-6.4	5.5					500	5916	0	-6.2	9.0					
700	3211	1	11.7	13.4					700	3191	1	9.9	6.4					700	3203	1	10.9	8.6					
850	1548	1	24.1	14.0	5	55	70	6	850	1544	1	19.4	5.6	2	38	100	4	850	1551	0	20.7	9.5					
983	* 264	32.4	12.4						972	* 381	26.6	4.7						1011	* 24	28.1	4.5						
AFRICA - SUDAN KHARTOUM 62721 1536N 03233E OB																											
030									030									030									
050									050									050									
100	14345	9	-63.1		9	66	65	10	100	16639	1	-79.4		2	10	10	28	100	16560	0	-77.6		1	10	95	22	
150	12514	8	-50.4		9	54	70	7	150	14265	1	-65.3		1	96	15	24	150	14180	0	-66.0		1	95	100	18	
200	9395	8	-28.9	10.5	9	95	90	10	200	12461	1	-52.4	12.1	1	10	10	18	200	12390	0	-53.4	14.5	6	10	100	18	
300	5918	8	-5.8	5.9	8	47	360	4	300	9700	1	-30.5	16.1	2	10	5	10	300	9660	0	-31.4	14.9	7	89	85	8	
500	3182	8	14.4	13.3	4	56	12	3	500	5884	1	-7.4	4.5	3	10	165	9	500	5838	0	-6.7	4.5	6	89	80	8	
700	1510	8	26.3	16.3	3	29	323	1	700	3168	0	12.6	8.6	4	86	135	6	700	3122	0	10.9	4.5	7	66	80	2	
964	* 380	37.0	21.4						773	* 2325	22.5	10.6						766	* 2324	0	19.4	8.3					
AFRICA - SEYCHELLES SEYCHELLES INT'L AP (RAW.STN) 63985 0441S 05532E OB 2																											
030	23950	7	-55.5		6	98	267	18	030									030									
050	20730	3	-61.6		3	96	90	13	050									050	20741	9	-62.4		9	9	119	1	
100	16581	1	-77.3		1	68	86	7	100	16609		-79.1						100	16598	1	-76.9		1	44	84	5	
150	14191	0	-66.7		0	90	68	19	150	14242		-66.2						150	14225	1	-66.5		1	29	112	3	
200	12401	0	-53.6		0	88	70	12	200	12444		-53.3						200	12433	1	-53.8		1	46	90	5	
300	9670	0	-32.1	20.0	0	44	110	3	300	9703		-31.3						300	9701	1	-32.2	7.1	2	47	83	4	
500	5861	0	-5.5	30.8	0	17	210	1	500	5888		-6.2	9.8					500	5893	1	-6.5	5.1	2	41	85	2	
700	3149	0	9.3	18.5	0	68	239	5	700	3174		9.2	5.8					700	3186	1	9.1	5.3	3	46	84	5	
850	1519	0	16.2	5.9	0	91	40	6	850	1532		18.8	15.5					850	1547	1	17.5	2.7	1	39	90	2	
1013	* 4	0	27.4	4.1					972	* 366	25.2	21.5						1013	* 19	27.4	4.2						
AFRICA - ZAMBIA LUSAKA CITY AIRPORT 67666 1525S 02819E OB 2																											
030									030	24277	7	-48.2		6	64	22	2	030	24361	3	-44.7		4	92	89	4	
050	20684	10	-63.3		9	88	243	4	050	20927	3	-49.5		2	76	327	3	050	20949	2	-45.2		3	78	87	3	
100	16575	4	-75.7		5	37	225	2	100	16394	2	-49.6		2	86	292	8	100	16320	3	-45.3		3	52	96	3	
150	14167	2	-65.3		2	92	330	17	150	13735	2	-48.5		2	87	291	13	150	13619	3	-45.7		3	44	98	3	
200	12369	2	-54.7		3	61	315	14	200	11844	2	-49.4		2	88	288	18	200	11704	3	-46.7		3	40	109	4	
300	9654	2	-33.5	18.5	2	67	310	13	300	9201	2	-45.6	8.5	2	83	290	20	300	9060	3	-47.9	9.7	3	29	117	6	
500	5869	2	-6.7	41.4	2	53	185	6	500	5597	2	-19.3	10.3	2	87	292	12	500	5502	3	-22.3	12.7	3	32	120	4	
700	3178	2	4.8	11.1	2	94	116	8	700	3018	2	-4.0	5.5	2	88	295	8	700	2948	3	-6.9	13.9	3	25	116	2	
850	1559	2	18.4	15.2	6	96	66	6	850	1459	2	4.5	3.8	2	68	305	4	850	1415	3	-0.7	8.0	3	15	232	1	
878	* 1280	22.8	15.9						1003	* 60	8.3	2.4						974	* 63		-2.2	2.0					
N AMERICA - CANADA EDMONTON (STONY PLAIN), ALTA. 71119 5333N 11406W OB 2																											
030									030	24281	3	-49.2		2	66	88	3	030	24313	5	-48.7		2	57	97	2	
050									050	20961	3	-53.1		2	12	299	1	050	20984	2	-52.0		2	22	242	1	
100									100	16547	3	-57.9		2	80	270	9	100	16549	2	-57.5		2	87	266	10	
150	13903	2	-54.7		2	78	257	14	150	13985	3	-56.3		2	82	264	16	150	13999	2	-58.0		2	87	265	18	
200	12055	2	-41.3	10.2	2	77	256	14	200	12157	2	-53.9		2	73	262	20	200	12179	2	-54.9		2	82	265	22	
300	9409	2	-13.8	11.7	2	81	269	9	300	9482	2	-39.2	12.9	2	71	260	17	300	9496	2	-37.1	12.1	2	85	263	21	
500	5729	2	2.3	5.7	2	82	272	7	500	5773	2	-11.6	16.4	2	79	266	11	500	5766	2	-10.8	14.8	2	85	263	16	
700	3089	2	12.6	8.4	2	40	284	3	700	3120	2	2.7	12.2	2	78	272	7	700	3105	2	3.5	13.5	2	79	259	12	
850	1489	2	12.6	8.4	2	40	284	3	850	1524	2	10.9	7.5	2	65	272	4	850	1508	2	10.5	6.1	2	75	254	8	
926	* 766	12.3	2.3						998	* 170	14.0	0.9						1009	* 61	16.8	2.7						

N AMER-CANADA

UPPER AIR

AUGUST 1990

LEVEL			TEMPERATURE			VECTOR WIND			LEVEL			TEMPERATURE			VECTOR WIND			LEVEL			TEMPERATURE			VECTOR WIND		
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT	MISSING DAYS	STEADINESS	DIRECTION	SPEED
mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps
N AMERICA - CANADA MOOSONEE, ONT. 71836 5116N 08039W OB 2									N AMERICA - CANADA PRINCE GEORGE, B.C. 71896 5353N 12240W OB 2									N AMERICA - CANADA FROBISHER BAY, N.W.T. 71909 6345N 06833W OB 2								
030									030	24255	2	-49.9		2	22	67	1	030	24292	5	-46.6		3	29	126	1
050									050	20941	2	-53.0		2	38	290	1	050	20912	5	-47.1		3	42	242	2
100									100	16494	2	-54.4		2	83	257	6	100	16318	6	-47.0		3	61	263	5
150	13882		-51.9		2	82	282	20	150	13895	2	-53.2		2	68	256	7	150	13630	5	-45.6		3	67	263	8
200	12020	2	-41.5	11.9	2	77	281	20	200	12035	2	-52.6		2	49	249	7	200	11710	5	-45.8		3	62	262	10
300	9357	2	-15.2	14.8	2	79	283	12	300	9387	2	-42.2	9.8	2	41	229	6	300	9038	5	-46.1	9.1	3	51	260	12
500	5692	2	0.1	1.9	2	80	281	8	500	5722	2	-14.6	10.1	2	65	242	6	500	5463	5	-21.6	10.3	4	59	263	8
700	3066	2	8.1	8.7	2	69	274	6	700	3091	2	1.2	6.2	2	68	237	5	700	2908	4	-7.5	7.4	4	48	259	4
850	1486	2	10.8	1.7	2	69	274	6	850	1496	2	12.2	9.0	2	52	268	3	850	1378	4	-1.6	1.8	4	31	234	2
1014	*	10						937	*	676		10.8	4.3					*	21		2.7	2.7				
N AMERICA - CANADA EUREKA, N.W.T. 71917 8000N 08556W OB 2									N AMERICA - CANADA BAKER LAKE, N.W.T. 71926 6418N 09600W OB 2									N AMERICA - CANADA INUVIK, N.W.T. 71957 6819N 13332W OB 2								
030									030	24338	7	-46.1		3	44	340	2	030	24287	5	-47.9		2	75	31	3
050									050	20954	7	-47.3		2	83	308	4	050	20930	4	-48.9		2	75	331	3
100									100	16371	4	-46.9		2	88	297	9	100	16377	2	-48.3		2	85	297	7
150	13594	3	-44.7		3	60	83	5	150	13680	4	-45.6		2	89	293	13	150	13705	2	-47.9		2	87	299	10
200	11669	3	-48.5	8.5	3	52	86	7	200	11763	4	-46.2		2	85	291	16	200	11803	2	-48.0		2	87	299	13
300	9003	3	-23.5	10.1	3	47	82	5	300	9088	4	-45.3	8.7	2	69	291	16	300	9154	2	-45.7	8.7	2	83	298	17
500	5464	2	-9.0	8.4	2	44	95	3	500	5498	2	-20.9	9.2	2	76	300	5	500	5571	2	-20.2	9.8	2	82	301	10
700	2928	2	-2.2	3.5	2	29	97	2	700	2937	2	-6.9	9.4	2	74	311	8	700	2997	2	-5.0	10.9	2	83	299	6
850	1406	2	2.2	2.5	2	29	97	2	850	1403	2	-0.6	4.4	2	70	325	5	850	1448	2	2.8	6.8	2	44	292	3
1011	*	10						999	*	49		5.1	1.9					1002	*	103		6.3	2.8			
N AMERICA - ST. MAARTEN, ST. EUST., SABA JULIANA AIRPORT, ST. MAARTEN 78866 1803N 06307W OB 2									N AMERICA - ST. MARTIN, ST. BARTH., GUAD LE RAIZET, GUADELOUPE 78897 1616N 06131W OB									N AMERICA - CURACAO AND BONAIRE HATO AIRPORT, CURACAO 78988 1212N 06858W OB								
030	24020	2	-54.1		2	99	102	15	030	20758	9	-62.2		1	67	70	3	030	23696	13	-55.8		9	95	83	8
050	20796	2	-61.0		2	99	98	15	050	16603	7	-74.1		1	67	70	3	050	20763	7	-61.8		10	96	87	8
100	16613	2	-72.7		2	67	90	3	100	16603	7	-74.1		2	83	308	4	100	16606	3	-74.0		7	57	84	3
150	14209	2	-67.6		2	58	259	5	150	14216	4	-67.5		2	88	297	5	150	14217	2	-68.2		5	53	292	7
200	12430	2	-55.6		2	62	254	6	200	12434	2	-54.0		2	28	246	3	200	12433	1	-54.3		4	30	280	3
300	9714	2	-33.2	11.4	2	26	275	2	300	9703	2	-32.3	9.0	2	100	360	0	300	9700	0	-32.1	10.8	3	32	140	2
500	5916	2	-6.5	15.9	2	70	89	4	500	5899	0	-5.6	12.1	0	73	102	5	500	5890	0	-6.1	11.0	2	92	94	8
700	3207	2	9.2	13.6	2	87	105	8	700	3186	1	8.8	8.1	1	91	92	10	700	3172	0	9.7	8.4	2	96	107	11
850	1445	2	17.9	5.5	2	95	95	9	850	1552	0	16.9	3.4	0	89	92	9	850	1529	0	18.7	5.2	2	97	108	
1017	*	9	28.5	4.6				1015	*	8		26.7	2.7					1006	*	62	0	26.9	3.3			
N AMERICA - COLOMBIA SAN ANDRES (ISLA) 80001 1235N 08143W OB 2									S AMERICA - COLOMBIA BOGOTA/ELDORADO 80222 0442N 07408W OB 2									S AMERICA - BRAZIL BELEM (AEROPORTO) 82193 0123S 04829W OB								
030									030	20783	21	-59.7		21	3	103	1	030	20809	16	-61.6					
050	20841								050	16610	29	-75.1		29	42	57	3	100	16664	12	-78.6		12	27	270	14
100	16648								150	14213	30	-66.9		29	44	296	5	150	14281	11	-64.8		10	94	264	16
150	14268								200	12427	2	-53.6		30	45	4	4	200	12468	10	-52.1		10	83	271	10
200	12447	22	-53.1		22	29	243	5	300	9684	30	-31.3	14.8	30	48	70	4	300	9713	10	-31.1	18.7	10	19	145	2
300	9709	22	-30.8	10.9	22	27	23	2	500	5854	2	-5.6	8.3	30	92	84	7	500	5889	10	-6.4	17.6	10	89	69	8
500	5883	30	-5.6	10.6	29	88	114	8	700	3167	30	7.2	2.0	30	93	103	5	700	3182	10	7.6	9.8	10	10	104	10
700	3161	30	10.1	8.0	30	92	90	9	755	*2548	30	9.8	1.3	1	79	71	6	850	1547	11	17.9	6.9	10	95	121	10
850	15181	30	17.8	2.8	30	91	86	11	850	1533								1013	*	16	0	26.6	4.1			
1004	*	6	30	27.3																						
S AMERICA - BRAZIL MANAUS (AEROPORTO) 82332 0309S 05959W OB									S AMERICA - BRAZIL BRASILIA (AEROPORTO) 83378 1552S 04756W OB 2									S AMERICA - BRAZIL CAMPO GRANDE (AEROPORTO) 83612 2028S 05440W OB 2								
030	24053	9	-52.2		9	93	280	12	030	24003	5	-55.9		6	30	330	2	030	24010	13	-52.8					
050	20818	4	-59.5		4	83	279	8	050	20773	3	-62.2		5	67	272	4	050	20769	11	-61.3					
100	16632	2	-75.8		2	68	258	6	100	16614	2	-70.9		4	96	267	12	100	16563	10	-69.4					
150	14244	2	-65.2		1	91	288	14	150	14181	2	-64.4		2	93	263	21	150	14114	10	-63.3					
200	12440	2	-52.2		1	72	283	9	200	12391	2	-54.1		2	92	261	24	200	12311	10	-54.2					
300	9691	1	-31.2	12.3	1	9	94	1	300	9664	2	-34.6	14.6	1	83	277	15	3								

S AMER-BRAZIL

UPPER AIR

AUGUST 1990

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE mb	HEIGHT gpm	MISSING DAYS	MEAN °C	DEW POINT °C	MISSING DAYS	STEADINESS %	DIRECTION o	SPEED mps	PRESSURE mb	HEIGHT gpm	MISSING DAYS	MEAN °C	DEW POINT °C	MISSING DAYS	STEADINESS %	DIRECTION o	SPEED mps	PRESSURE mb	HEIGHT gpm	MISSING DAYS	MEAN °C	DEW POINT °C	MISSING DAYS	STEADINESS %	DIRECTION o	SPEED mps
S AMERICA - BRAZIL GALEAO 83746 2249S 04315W OB 2																										
030	23900	3	-53.4						030	23961	6	-53.9						030	23989	9	-53.3					
050	20690	1	-62.5						050	20743	3	-62.2						050	20756	5	-59.8					
100	16495	0	-67.4						100	16536	2	-68.2						100	16525	1	-66.0					
150	14031	0	-61.9		9	96	274	25	150	14069	2	-63.1		9	92	271	24	150	14033	1	-61.9		9	89	259	22
200	12230	0	-55.4		8	95	276	28	200	12281	2	-55.9		9	87	268	21	200	12230	1	-56.0		7	84	262	25
300	9556	0	-38.1	14.6	2	88	273	23	300	9578	2	-37.4	14.4	4	79	274	17	300	9552	1	-38.8	13.0	4	77	257	19
500	5842	0	-11.3	26.1	0	83	272	10	500	5847	2	-10.9	20.7	2	69	273	9	500	5829	1	-11.5	22.3	2	74	251	10
700	3175	0	4.2	14.6	0	56	277	5	700	3172	2	4.8	14.6	2	47	284	4	700	3160	1	4.8	17.5	2	56	272	5
850	1574	0	11.5	6.6	0	33	346	2	850	1562	2	12.2	8.1	2	42	47	3	850	1556	1	9.6	6.3	1	33	50	3
1018	*	6	18.8	4.1					930	* 803		14.9	6.7					919	* 908		10.2	1.6				
S AMERICA - BRAZIL PORTO ALEGRE (AEROPORTO) 83971 3000S 05111W OB 2																										
030	23902	5	-55.4						030	23961	6	-53.9						030	23989	9	-53.3					
050	20684	2	-61.1		9	80	229	6	050	21153	9	-37.3	10.8					050	20756	5	-59.8		9	87	248	7
100	16431	1	-64.6		9	92	240	19	100	14569	5	-82.4	10.8					100	16525	1	-66.0		9	91	250	16
150	13934	1	-60.8		6	92	244	25	150	12282	4	-78.0	10.4					150	14033	1	-61.9		9	89	259	22
200	12132	1	-56.0		5	89	244	25	200	10627	2	-74.9	10.1					200	12230	1	-56.0		7	84	262	25
300	9464	1	-40.8	15.2	3	84	245	22	300	8214	1	-13.4	9.1					300	9552	1	-38.8	13.0	4	77	257	19
500	5787	1	-13.9	19.9	1	84	241	11	500	4905	1	-39.7	7.3					500	5829	1	-11.5	22.3	2	74	251	10
700	3142	1	3.4	19.4	1	47	242	4	700	2529	1	-24.8	6.7					700	2481	0	-27.7	8.5	0	37	46	3
850	1549	1	10.0	12.2	1	56	264	3	850	1097	1	-18.8	5.4					850	1069	0	-23.0	7.0	0	91	38	8
1022	*	3	13.6	4.4					981	* 32		-26.3	7.2					980	* 21		-21.4	6.1				
SW PACIFIC - SINGAPORE SINGAPORE/CHANGI AIRPORT 48698 0122N 10359E OB 1																										
030	23939	5	-56.2		3	96	271	13	030	23910	9	-53.8		22	155	1		030	23720	30	-73.0					
050	20272	2	-61.2		2	92	262	8	050	20684	5	-62.0		21	88	277	10	050	20790	11	-61.6					
100	16563	2	-76.6		3	90	76	14	100	16562	1	-75.2		14	96	272	18	100	16641	2	-80.3					
150	14198	0	-67.3		0	98	78	27	150	14161	1	-64.5		14	95	273	25	150	14287	2	-67.3	12.1				
200	12410	0	-54.0	9.6	0	97	74	22	200	12347	1	-51.0		15	95	272	30	200	12484	1	-51.8	12.0				
300	9677	0	-31.7	9.8	0	89	82	9	300	9591	1	-30.9	16.8	6	94	270	30	300	9728	1	-30.5	11.0				
500	5863	0	-6.2	7.2	1	40	137	2	500	5791	0	-7.8	17.1	1	94	280	24	500	5892	1	-4.7	10.8	17	74	89	18
700	3150	0	9.1	6.3	1	81	262	5	700	3107	0	5.9	20.4	0	93	287	13	700	3162	0	11.0	8.3	13	94	94	15
850	1511	0	18.0	3.7	2	90	239	7	850	1506	0	10.3	6.3	0	62	299	6	850	1514	0	19.3	4.8	8	93	94	11
1009	*	16	25.5	0.9					1007	* 72	0	21.9	7.3					1010	*	4	30.1	4.9				
SW PACIFIC - NEW ZEALAND (TUVALU) FUNAFUTI 91643 0831S 17913E OB 1																										
030	23996	11	-56.0						030	23895	4	-55.9						030	23720	30	-73.0					
050	20750	9	-62.0						050	20694	0	-63.5						050	20790	11	-61.6					
100	16622	2	-81.0		16	54	99	9	100	16600	0	-78.2						100	16617	2	-76.6		2	33	219	3
150	14268	1	-67.3		14	38	131	4	150	14227	0	-66.1	15.9					150	14239	0	-65.5		0	71	249	9
200	12470	0	-52.5		13	65	160	16	200	12428	0	-52.7	16.3					200	12434	1	-51.9		1	60	272	9
300	9721	0	-31.0	15.5	13	35	167	4	300	9683	0	-31.2	15.7					300	9686	0	-30.9	16.9	0	44	294	6
500	5882	0	-4.7	1.3	10	77	85	12	500	5865	0	-6.2	14.7					500	5859	0	-4.7	18.0	0	25	26	2
700	3156	0	10.4	9.7	10	80	99	15	700	3153	0	9.4	3.0					700	3140	0	9.9	15.9	1	53	77	4
850	1515	0	18.2	5.6	2	42	4	3	850	1523	0	14.8	4.3	7	60	36	6	850	1512	1	15.2	3.8	2	88	90	7
1010	*	2	29.8	4.2					1012	* 18		27.5	7.5					1006	*	52	0	27.5	5.3			
SW PACIFIC - FRENCH POLY. (SOCIETY IS) TAHITI-FAAA 91938 1733S 14937W OB 1																										
030	23944	1804S	180457W	OB 1					030	23954	5	-54.0						030	23668	9	-60.3					
050	20735	1	-61.5						050	20695	1	-74.2		1	85	264	12	100	16446	6	-68.7					
100	16587	1	-74.2						100	16587	1	-64.5		1	90	260	19	150	13984	5	-60.6					
150	14181	0	-64.5						150	14181	0	-52.5		1	82	259	19	200	12161	3	-52.7					
200	12375	0	-33.1	14.5					200	9642	0	-33.1	14.5	1	75	270	14	300	9456	3	-36.9	12.3				
300	5855	0	-6.7	16.6	0				300	5855	0	-6.7	16.6	0	50	276	6	500	5735	0	-11.4	14.5	9	86	281	18
700	3150	0	8.1	12.8	0				700	3150	0	8.1	12.8	0	20	337	2	700	3077	0	3.1	14.2	2	87	282	13
850	1525	0	15.1	5.8	1				850	1525	0	15.1	5.8	1	29	42	2	850	1483	0	9.7	7.2	0	74	279	9
1014	*	3	0	26.9					1014	*	3	0	26.9					1013	*	2	0	20.2	5.9			
SW PACIFIC - FRENCH POLY. (ITUAMOTI IS) HAO 91944 1804S 14057W OB 1																										
030	23954	5	-54.0						030	23954	5	-54.0						030	23668	9	-60.3					
050	20668	9	-60.3						050	20668	9	-60.3						050	20756	5	-59.8					
100	16446	6	-68.7						100	16446	6	-68.7						100	16525	1	-66.0					

SW PAC-N ZEALAND

UPPER AIR

AUGUST 1990

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps	mb	gpm		°C	°C		%	°	mps
		SW PACIFIC - NEW ZEALAND KAITAIA 93012 3508S 17316E OB								SW PACIFIC - NEW ZEALAND INVERCARGILL AERODROME 93844 4625S 16820E OB								SW PACIFIC - NEW ZEALAND CAMPBELL ISLAND 93944 5233S 16909E OB								
030	23933	22	-50.6						030	23664	13	-53.1		10	98	274	59	030	23302	2	-57.8					
050	20624	14	-55.8						050	20372	5	-55.7		4	97	274	53	050	20090	1	-58.1					
100	16238	12	-56.8						100	15949	4	-54.5		2	96	276	43	100	15731	1	-58.1					
150	13637	8	-52.7	27.4	2	97	277	52	150	13345	3	-54.7		0	91	277	35	150	13178	1	-58.6	17.0	2	94	277	42
200	11774	6	-48.5	24.8	2	97	278	84	200	11506	3	-56.2		0	83	281	27	200	11380	0	-61.1	12.6	1	85	280	31
300	9094	5	-45.3	15.3	1	88	283	58	300	8934	1	-53.1		0	50	289	14	300	8859	0	-53.8	9.1	0	65	273	25
500	5534	5	-22.9	8.8	1	83	288	27	500	5437	1	-25.6	8.2	0	33	317	8	500	5378	0	-26.9	7.4	0	56	277	18
700	2977	5	-5.6	7.1	1	74	292	19	700	2911	0	-7.6	7.8	0	37	318	8	700	2866	0	-9.5	10.2	0	50	286	14
850	1428	5	3.6	4.5	0	56	297	13	850	1373	0	0.7	5.9	0	38	342	7	850	1340	0	-2.0	5.4	0	47	300	14
999	*	87	14.2	4.0					1006	*	1	8.3	4.0					1002	*	19	0	6.5	2.1			
		SW PACIFIC - NEW ZEALAND CHATHAM ISLAND 93986 4357S 17634W OB																								
030	23752	25	-50.1																							
050	20481	13	-53.6																							
100	16028	8	-53.5		9	95	277	47																		
150	13430	7	-53.1		7	93	281	43																		
200	11583	4	-53.8		5	89	285	35																		
300	9009	0	-51.5		1	61	288	22																		
500	5489	0	-23.9	9.7	1	59	287	13																		
700	2943	0	-6.5	10.0	1	25	271	5																		
850	1402	0	1.3	4.9	1	13	309	3																		
1004	*	48	10.5	3.2																						

EUROPE—GIBRALTAR

UPPER AIR CORRECTIONS

STATION LIST RECENT DATA

40831	C	ABADAN	IRAN, ISLAMIC REP	62414	C	ASSWAN	EGYPT
47409	C	ABASHIRI	JAPAN	72791	C	ASTORIA/CLATSOP, OR.	USA
64756	C	ABECHE	CHAD	34880	C	ASTRAHAN'	USSR
03091	C	ABERDEEN/DYCE	U KINGDOM	86218	C	ASUNCION/AEROPUERTO	PARAGUAY
41112	C	ABHA	SAUDI ARABIA	65376	C	ATAKPAME	TOGO
65578	C	ABIDJAN	COTE D'IVOIRE	61421	C	ATAR	MAURITANIA
72266	C	ABILENE, TX.	USA	62680	C	ATBARA	SUDAN
41216	C	ABU DHABI BATEEN AIRPORT	U ARAB EMIRATES	16716	C	ATHENS(HELLINIKON)	GREECE
41217	CT	ABU DHABI INTL AIRPORT	U ARAB EMIRATES	16714	C	ATHINAI/OBSERVATORY	GREECE
62640	C	ABU HAMED	SUDAN	72219	C	ATLANTA/MUN., GA.	USA
62795	C	ABU NA'AMA	SUDAN	72407	C	ATLANTIC CITY, NJ.	USA
17352	CT	ADANA	TURKEY	91925	CT	ATUONA	FRENCH POLY.
63450	CT	ADDIS ABABA	ETHIOPIA	93119	C	AUCKLAND AIRPORT	N ZEALAND
94672	CT	ADELAIDE AIRPORT	AUSTRALIA	03322	T	AUGHTON	U KINGDOM
65585	C	ADIAKE	COTE D'IVOIRE	72218	C	AUGUSTA/BUSH FIELD, GA.	USA
60620	C	ADRAR	ALGERIA	72254	C	AUSTIN/ROBERT MUELLER., TX.	USA
87582	C	AEROPARQUE	ARGENTINA	84673	C	AYACUCHO	PERU
17190	C	AFYON	TURKEY	87642	C	AZUL AERO	ARGENTINA
61024	C	AGADEZ	NIGER	83980	C	BAGE	BRAZIL
60250	C	AGADIR	MOROCCO	71727	C	BAGOTVILLE, QUE.	CANADA
61974	C	AGALEGA	MAURITIUS	98328	C	BAGUIO	PHILIPPINES
42261	C	AGRA	INDIA	87750	C	BAHIA BLANCA AERO	ARGENTINA
42647	CT	AHMADABAD	INDIA	41150	C	BAHRAIN MUHARRAQ	BAHRAIN
60560	C	AIN SEFRA	ALGERIA	71926	CT	BAKER LAKE, N.W.T.	CANADA
61499	C	AIOUN EL ATROUSS	MAURITANIA	40766	C	BAKHTARAN	IRAN, ISLAMIC REP
07761	CT	AJACCIO	FRANCE	35796	C	BALHAS	USSR
31168	C	AJAN	USSR	72406	C	BALTIMORE/B-WASHINGTON, MD.	USA
47582	CT	AKITA	JAPAN	61291	CT	BAMAKO/SENOU	MALI
42933	C	AKOLA	INDIA	43295	C	BANGALORE	INDIA
72521	C	AKRON/AKRON-CANTON REG., OH.	USA	48455	CT	BANGKOK	THAILAND
04063	C	AKUREYRI	ICELAND	64650	T	BANGUI	CENTRAL AFRICAN REP
48062	C	AKYAB	BURMA	61701	C	BANJUL/YUNDUM	GAMBIA
40420	C	AL AHSA	SAUDI ARABIA	82784	C	BARBALHA	BRAZIL
94802	CT	ALBANY AIRPORT	AUSTRALIA	80419	C	BARCELONA	VENEZUELA
72518	C	ALBANY/ALBANY CO., NY.	USA	09181	C	BARCELONA/AEROPUERTO	SPAIN
06030	C	ALBORG	DENMARK & FAROE IS.	87765	C	BARILOCHE AERO	ARGENTINA
72365	C	ALBUQUERQUE/INTL, NM.	USA	29838	C	BARNAUL	USSR
31004	CT	ALDAN	USSR	80410	C	BARQUISIMETO	VENEZUELA
71082	CT	ALERT, N.W.T.	CANADA	80091	C	BARRANCABERMEJA/YARIGUIES	COLOMBIA
08359	C	ALICANTE	SPAIN	80028	C	BARRANQUILLA/ERNESTOCORTISSO	COLOMBIA
94326	CT	ALICE SPRINGS AIRPORT	AUSTRALIA	83236	C	BARREIRAS	BRAZIL
42475	C	ALLAHABAD/BAMHRAULI	INDIA	70026	CT	BARROW/W. POST W. ROGERS, AK.	USA
72517	C	ALLENTOWN/A.-BETHLEHEM-, PA.	USA	70086	C	BARTER ISLAND, AK.	USA
36870	CT	ALMA-ATA	USSR	98135	C	BASCO	PHILIPPINES
08487	C	ALMERIA/AEROPUERTO	SPAIN	89057	C	BASE ARTURO PRAT	CHILE
44277	C	ALTAI	MONGOLIA	89059	C	BASE BERNARDO O'HIGGINS	CHILE
51076	C	ALTAY	CHINA	60571	CT	BECHAR	ALGERIA
64754	C	AM-TIMAN	CHAD	72412	C	BECKLEY(RALEIGH CTY.MUN), WV.	USA
40270	C	AMMAN AIRPORT	JORDAN	54511	CT	BEIJING	CHINA
42071	C	AMRITSAR	INDIA	60402	C	BEJAIA	ALGERIA
89009	C	AMUNDSEN-SCOTT	USA	82191	C	BELEM	BRAZIL
25563	CT	ANADYR'	USSR	82193	T	BELEM (AEROPORTO)	BRAZIL
70273	CT	ANCHORAGE/INTL, AK.	USA	03917	C	BELFAST/ALDERGROVE AIRPORT	U KINGDOM
04360	CT	ANGMAGSSALIK	DENMARK	43198	C	BELGAUM/SAMBRA	INDIA
17130	CT	ANKARA/CENTRAL	TURKEY	03976	C	BELMULLET	IRELAND
60360	C	ANNABA	ALGERIA	83587	C	BELO HORIZONTE	BRAZIL
70398	C	ANNETTE ISLAND, AK.	USA	82246	C	BELTERRA	BRAZIL
17300	C	ANTALYA	TURKEY	40180	C	BEN-GURION INTL AIRPORT	ISRAEL
85442	C	ANTOFAGASTA	CHILE	60518	C	BENI-SAF	ALGERIA
40718	C	ANZALI	IRAN, ISLAMIC REP	62053	C	BENINA	LIBYAN ARAB JAMAHIRI
98232	C	APARRI	PHILIPPINES	82410	C	BENJAMIN CONSTANT	BRAZIL
80084	C	APARTADO	COLOMBIA	13274	C	BEOGRAD	YUGOSLAVIA
91762	C	APIA	SAMOA	13275	T	BEOGRAD/ZELENO BRDO	YUGOSLAVIA
83096	C	ARACAJU	BRAZIL	01317	C	BERGEN/FLORIDA	NORWAY
48462	C	ARANYAPRATHET	THAILAND	10384	CT	BERLIN-TEMPELHOF	GERMANY, FED REP
80099	C	ARAUCA/SANTIAGO PEREZ	COLOMBIA	78016	T	BERMUDA NAS KINDELY	USA
83579	C	ARAXA	BRAZIL	40179	T	BET DAGAN	ISRAEL
44288	C	ARBAIHER	MONGOLIA	70219	CT	BETHEL/BETHEL AIRPORT, AK.	USA
84752	C	AREQUIPA	PERU	68461	C	BETHLEHEM AIRPORT	SOUTH AFRICA
22550	CT	ARHANGEL'SK	USSR	42971	CT	BHUBANESWAR	INDIA
85406	C	ARICA	CHILE	12295	C	BIALYSTOK	POLAND
86330	C	ARTIGAS	URUGUAY	71848	C	BIG TROUT LAKE, ONT.	CANADA
47407	C	ASAHIKAWA	JAPAN	42165	C	BIKANER	INDIA
38880	CT	ASHABAD	USSR	72677	C	BILLINGS/LOGAN INTL, MT.	USA
72315	C	ASHEVILLE/REG., NC	USA	61017	C	BILMA	NIGER
63021	CT	ASMARA	ETHIOPIA	72515	C	BINGHAMTON/BROOME CO., NY.	USA

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96441	CT	BINTULU	MALAYSIA	83592	C	CARATINGA	BRAZIL
03534	C	BIRMINGHAM/AIRPORT	U KINGDOM	83498	C	CARAVELAS	BRAZIL
61075	C	BIRNI-N'KONNI	NIGER	03715	C	CARDIFF-WALES AIRPORT	U KINGDOM
60525	C	BISKRA	ALGERIA	38687	C	CARDZOU	USSR
72764	CT	BISMARCK/MUN., ND.	USA	72712	C	CARIBOU/MUN., ME.	USA
15085	C	BISTRITA	ROMANIA	94300	C	CARNARVON AIRPORT	AUSTRALIA
01028	CT	BJORNOYA	NORWAY	82765	C	CAROLINA	BRAZIL
31510	CT	BLAGOVESCENSK	USSR	86580	C	CARRASCO	URUGUAY
68442	C	BLOEMFONTEIN (J.B.M. HERTZOG)	SOUTH AFRICA	80022	C	CARTAGENA/CRESPO	COLOMBIA
74492	C	BLUE HILL OBS., MA.	USA	78325	C	CASA BLANCA/HABANA	CUBA
65510	C	BOBO-DIOULASSO	BURKINA FASO	60155	C	CASABLANCA	MOROCCO
01152	T	BODO	NORWAY	89611	CT	CASEY	AUSTRALIA
01152	C	BODO VI	NORWAY	72569	C	CASPER/NATRONA COUNTY I., WY.	USA
30554	C	BOGDARIN	USSR	78714	C	CATACAMAS	HONDURAS
80222	CT	BOGOTA/ELDORADO	COLOMBIA	87222	C	CATAMARCA AERO.	ARGENTINA
41883	C	BOGRA	BANGLADESH	83676	C	CATANDUVA	BRAZIL
29282	C	BOGUCANY	USSR	81405	CT	CAYENNE/ROCHAMBEAU	FRENCH GUIANA
65338	C	BOHICON	BENIN	94653	C	CEDUNA AIRPORT	AUSTRALIA
72681	C	BOISE/MUN., ID.	USA	89056	C	CENTRO MET. ANTARTICO "PDTE.	CHILE
83288	C	BOM JESUS DA LAPA	BRAZIL	87257	C	CERES	ARGENTINA
43057	C	BOMBAY/COLABA	INDIA	84444	C	CHACHAPOYAS	PERU
43003	T	BOMBAY/SANTACRUZ	INDIA	87320	C	CHAMICAL AERO	ARGENTINA
31253	C	BOMNAK	USSR	48480	C	CHANTHABURI	THAILAND
65545	C	BONDOUKOU	COTE D'IVOIRE	72208	C	CHARLESTON/MUN., SC.	USA
61866	C	BONTHE	SIERRA LEONE	72414	C	CHARLESTON/YEAGER AP., WV.	USA
23884	C	BOR	USSR	94510	CT	CHARLEVILLE AIRPORT	AUSTRALIA
91930	C	BORA-BORA	FRENCH POLY.	72314	C	CHARLOTTE/DOUGLAS, NC.	USA
07510	CT	BORDEAUX/MERIGNAC	FRANCE	93986	CT	CHATHAM ISLAND	N ZEALAND
60444	C	BORDJ BOU ARRERIDJ	ALGERIA	71717	C	CHATHAM, N.B.	CANADA
65516	C	BOROMO	BURKINA FASO	72324	C	CHATTANOOGA/LOVELL FIELD, TN.	USA
72509	C	BOSTON/LOGAN INTL., MA.	USA	11406	C	CHEB	CZECHOSLOVAKIA
60515	C	BOU-SAADA	ALGERIA	56294	C	CHENGDU	CHINA
65555	C	BOUAKE	COTE D'IVOIRE	87322	C	CHEPES	ARGENTINA
61296	C	BOUGOUNI	MALI	07024	C	CHERBOURG	FRANCE
07255	C	BOURGES	FRANCE	42515	C	CHERRAPUNJI	INDIA
03862	C	BOURNEMOUTH AIRPORT	U KINGDOM	72564	C	CHEYENNE, WY.	USA
61461	C	BOUTILIMIT	MAURITANIA	41768	C	CHHOR	PAKISTAN
83377	C	BRASILIA	BRAZIL	48327	CT	CHIANG MAI	THAILAND
83378	T	BRASILIA (AEROPORTO)	BRAZIL	72530	C	CHICAGO/O'HARE, IL.	USA
30309	C	BRATSK	USSR	47971	CT	CHICHIJIMA	JAPAN
07110	CT	BREST/GUIPAVAS	FRANCE	84452	C	CHICLAYO	PERU
16320	CT	BRINDISI	ITALY	84531	C	CHIMBOTE	PERU
94578	CT	BRISBANE AIRPORT	AUSTRALIA	41978	C	CHITTAGONG (PATENGA)	BANGLADESH
11723	C	BRNO/TURANY	CZECHOSLOVAKIA	60425	C	CHLEF	ALGERIA
94203	CT	BROOME AIRPORT	AUSTRALIA	44259	C	CHOIBALSAN	MONGOLIA
72250	CT	BROWNSVILLE/INTL., TX.	USA	78724	C	CHOLUTECA	HONDURAS
80094	C	BUCARAMANGA/PALONEGRO	COLOMBIA	47648	C	CHOSHI	JAPAN
15420	T	BUCURESTI/IMH	ROMANIA	93780	C	CHRISTCHURCH AIRPORT	N ZEALAND
12843	CT	BUDAPEST/LORINC	HUNGARY	48517	C	CHUMPHON	THAILAND
12840	C	BUDAPEST/METEOROLOGIA	HUNGARY	47014	C	CHUNGANG	DPR KOREA
80251	C	BUENAVENTURA/COLPUERTOS	COLOMBIA	71913	C	CHURCHILL, MAN.	CANADA
72528	C	BUFFALO/GREATER BUFFALO, NY.	USA	38262	C	CIMBAJ	USSR
67964	C	BULAWAYO (GOETZ OBSY.)	ZIMBABWE	72421	C	CINCINNATI/GREATER CIN., OH.	USA
44239	C	BULGAN	MONGOLIA	30758	CT	CITA	USSR
15655	C	BURGAS	BULGARIA	80444	C	CIUDAD BOLIVAR	VENEZUELA
72617	C	BURLINGTON/INTL., VT.	USA	15120	CT	CLUJ-NAPOCA	ROMANIA
17116	C	BURSA	TURKEY	71090	C	CLYDE, N.W.T.	CANADA
40858	C	BUSHEHR	IRAN, ISLAMIC REP	76741	C	COATZACOALCOS, VER.	MEXICO
16560	C	CAGLIARI/ELMAS	ITALY	94711	C	COBAR	AUSTRALIA
94287	C	CAIRNS AIRPORT	AUSTRALIA	43353	T	COCHIN/WILLINGDON	INDIA
62366	C	CAIRO	EGYPT	96996	CT	COCOS ISLAND AIRPORT	ISLANDS
84472	C	CAJAMARCA	PERU	94791	C	COFFS HARBOUR AIRPORT	AUSTRALIA
42807	C	CALCUTTA/ALIPORE	INDIA	21946	C	COKURDAH	USSR
42809	T	CALCUTTA/DUM DUM	INDIA	70316	CT	COLD BAY, AK.	USA
80259	C	CALI/PALMASECA	COLOMBIA	43466	C	COLOMBO	SRI LANKA
71925	C	CAMBRIDGE BAY, N.W.T.	CANADA	86560	C	COLONIA	URUGUAY
93944	CT	CAMPBELL ISLAND	N ZEALAND	72310	C	COLUMBIA, SC.	USA
83611	C	CAMPO GRANDE	BRAZIL	72445	C	COLUMBIA/REGIONAL, MO.	USA
83612	T	CAMPO GRANDE (AEROPORTO)	BRAZIL	72428	C	COLUMBUS/PORT COLUMBUS, OH.	USA
83698	C	CAMPOS	BRAZIL	87860	C	COMODORO RIVADAVIA AERO	ARGENTINA
17112	C	CANAKKALE	TURKEY	82861	C	CONCEICAO DO ARAGUAIA	BRAZIL
94926	C	CANBERRA AIRPORT	AUSTRALIA	86134	C	CONCEPCION	PARAGUAY
72304	C	CAPE HATTERAS, NC.	USA	72605	C	CONCORD/MUN., NH.	USA
68816	C	CAPE TOWN (D.F. MALAN)	SOUTH AFRICA	87395	C	CONCORDIA AERO	ARGENTINA
80416	C	CARACAS/LA CARLOTA	VENEZUELA	72458	C	CONCORDIA/BLOSSER MUN., KS.	USA
80415	C	CARACAS/MAIQUETIA AEROP. INTL	VENEZUELA	60419	C	CONSTANTINE	ALGERIA

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71938	C	COPPERMINE, N.W.T.	CANADA	40199	C	EILAT	ISRAEL
71915	C	CORAL HARBOUR, N.W.T.	CANADA	62760	C	EL FASHER	SUDAN
87344	C	CORDOBA AERO	ARGENTINA	60590	C	EL GOLEA	ALGERIA
03955	C	CORK AIRPORT	IRELAND	60540	C	EL KHEITER	ALGERIA
80403	C	CORO	VENEZUELA	62771	C	EL OBEID	SUDAN
72251	C	CORPUS CHRISTI/INTL, TX.	USA	60559	C	EL OUED	ALGERIA
87166	C	CORRIENTES AERO.	ARGENTINA	72270	C	EL PASO/INTL, TX.	USA
83552	C	CORUMBA	BRAZIL	84179	C	EL PUZO	ECUADOR
65344	C	COTONOU	BENIN	60367	C	EL-KALA	ALGERIA
41992	C	COX'S BAZAR	BANGLADESH	60550	C	ELBAYADH	ALGERIA
83512	C	COXIM	BRAZIL	12160	C	ELBLAG	POLAND
03774	T	CRAWLEY	U KINGDOM	63686	C	ELDORET	KENYA
82704	C	CRUZEIRO DO SUL	BRAZIL	72486	C	ELY/YELLAND, NV.	USA
80097	C	CUCUTA/CAMILO DAZA	COLOMBIA	10203	C	EMDEN-HAFEN	GERMANY, FED REP
83361	C	CUIABA	BRAZIL	86297	C	ENCARNACION	PARAGUAY
80420	C	CUMANA	VENEZUELA	29263	C	ENISEJSK	USSR
83842	C	CURITIBA	BRAZIL	24817	C	ERBOGACEN	USSR
83840	T	CURITIBA (AEROPORTO)	BRAZIL	53068	C	ERENHOT	CHINA
84686	C	CUZCO	PERU	09554	C	ERFURT-BINDERSLEBEN	GERMAN DEM REP
43150	T	CWC VISHAKHAPATNAM/WALTAIR	INDIA	17092	C	ERZINCAN	TURKEY
98325	C	DAGUPAN	PHILIPPINES	40800	C	ESFAHAN	IRAN, ISLAMIC REP
61641	CT	DAKAR/YOFF	SENEGAL	03162	C	ESKADELMUIR	U KINGDOM
62432	C	DAKHLA	EGYPT	94638	CT	ESPERANCE	AUSTRALIA
41712	C	DAL BANDIN	PAKISTAN	24105	C	ESSEJ	USSR
44373	C	DALANZADGAD	MONGOLIA	10410	CT	ESSEN	GERMANY, FED REP
72259	C	DALLAS-FORT WORTH/FORT., TX.	USA	72594	C	EUREKA, CA.	USA
65560	C	DALOA	COTE D'IVOIRE	71917	CT	EUREKA, N.W.T.	CANADA
42587	C	DALTONGANJ	INDIA	72432	C	EVANSVILLE/REG., IN.	USA
62805	C	DAMAZINE	SUDAN	87576	C	EZEIZA AERO	ARGENTINA
04320	CT	DANMARKSHAVN	DENMARK	65507	C	FADA N'GOURMA	BURKINA FASO
63894	C	DAR ES SALAAM AIRPORT	U REP TANZANIA	70261	C	FAIRBANKS/INTL, AK.	USA
60390	CT	DAR-EL-BEIDA	ALGERIA	16191	C	FALCONARA	ITALY
42391	C	DARBHANGA	INDIA	89063	C	FARADAY (ARGENTINE ISLAND)	U KINGDOM
61891	C	DARU	SIERRA LEONE	72753	C	FARGO/HECTOR FIELD, ND.	USA
94120	CT	DARWIN AIRPORT	AUSTRALIA	11155	C	FEUERKOGEL	AUSTRIA
89571	CT	DAVIS	AUSTRALIA	09578	C	FICHTELBERG	GERMAN DEM REP
72429	C	DAYTON/JAMES M. COX DAY., OH.	USA	72637	C	FLINT/BISHOP, MI.	USA
06260	CT	DE BILT	NETHERLANDS	82678	C	FLORIANO	BRAZIL
12882	C	DEBRECEN	HUNGARY	83897	C	FLORIANOPOLIS	BRAZIL
72469	C	DENVER/STAPLETON INTL, CO.	USA	82212	C	FONTE BOA	BRAZIL
41624	C	DERA ISMAIL KHAN	PAKISTAN	87162	C	FORMOSA AERO	ARGENTINA
72546	C	DES MOINES/MUN., IA.	USA	94646	CT	FORREST AIRPORT	AUSTRALIA
72537	C	DETROIT/METROPOLITAN, MI.	USA	71945	C	FORT NELSON, B.C.	CANADA
40416	CT	DHAHRAN	SAUDI ARABIA	38001	C	FORT SEVCENKO	USSR
41923	C	DHAKA	BANGLADESH	71934	C	FORT SMITH, N.W.T.	CANADA
42314	C	DIBRUGARH/MOHANBARI	INDIA	72344	C	FORT SMITH/MUN., AR.	USA
61967	T	DIEGO GARCIA	USA	72533	C	FORT WAYNE/MUN., BAER FL., IN.	USA
07280	C	DIJON	FRANCE	82397	C	FORTALEZA	BRAZIL
65562	C	DIMBOKRO	COTE D'IVOIRE	72389	C	FRESNO/AIR TERM., CA.	USA
61666	C	DIOURBEL	SENEGAL	71909	CT	FROBISHER BAY, N.W.T.	CANADA
63471	C	DIRE DAWA	ETHIOPIA	47807	CT	FUKUOKA	JAPAN
17280	CT	DIYARBAKIR	TURKEY	91643	CT	FUNAFUTI	N ZEALAND
60670	C	DJANET	ALGERIA	08522	CT	FUNCHAL	MADEIRA
60535	C	DJELFA	ALGERIA	65557	C	GAGNOA	COTE D'IVOIRE
63125	C	DJIBOUTI	DJIBOUTI	83746	T	GALEAO	BRAZIL
72451	C	DODGE CITY/MUN., KS.	USA	72242	C	GALVESTON, TX.	USA
41170	C	DOHA INTERNATIONAL AIRPORT	QATAR	71803	C	GANDER INTL AIRPORT, NFLD.	CANADA
87648	C	DOLORES AERO	ARGENTINA	57993	C	GANZHOU	CHINA
62650	C	DONGOLA	SUDAN	61226	C	GAO	MALI
65501	C	DORI	BURKINA FASO	65522	C	GAOUA	BURKINA FASO
09488	C	DRESDEN-KLOTZSCHE	GERMAN DEM REP	63723	C	GARISSA	KENYA
03969	C	DUBLIN AIRPORT	IRELAND	40405	C	GASSIM	SAUDI ARABIA
52836	C	DULAN	CHINA	42410	CT	GAUHATI	INDIA
72745	C	DULUTH/INTL, MN.	USA	80241	C	GAVIOTAS	COLOMBIA
42599	C	DUMKA	INDIA	61099	C	GAYA	NIGER
68588	C	DURBAN (LOUIS BOTHA)	SOUTH AFRICA	62752	C	GEDAREF	SUDAN
42731	C	DWARKA	INDIA	10628	C	GEISENHEIM	GERMANY, FED REP
67005	C	DZAOUZI/PAMANZI (MAYOTTE)	COMOROS	87532	C	GENERAL PICO AERO	ARGENTINA
24143	C	DZARDZAN	USSR	06700	C	GENEVE-COINTRIN	SWITZ. LIECH.
68858	C	EAST LONDON	SOUTH AFRICA	66828	C	GEORGE AIRPORT	SOUTH AFRICA
94907	C	EAST SALE AERODROME	AUSTRALIA	81001	C	GEORGETOWN	GUYANA
03160	C	EDINBURGH AIRPORT	U KINGDOM	94403	C	GERALDTON AIRPORT	AUSTRALIA
17050	C	EDIRNE	TURKEY	60566	C	GHARDAIA	ALGERIA
71879	C	EDMONTON MUNICIPAL, ALTA.	CANADA	08495	CT	GIBRALTAR	GIBRALTAR
71119	T	EDMONTON (STONY PLAIN), ALTA.	CANADA	94461	CT	GILES	AUSTRALIA
04220	CT	EGEDESMINDE	DENMARK	93291	C	GISBORNE AERODROME	N ZEALAND

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41140	C	GIZAN	SAUDI ARABIA	84564	C	HUANUCO	PERU
94380	C	GLADSTONE	AUSTRALIA	72425	C	HUNTINGTON/TRI-STATE, WV.	USA
72768	C	GLASGOW/INTL, MT.	USA	72654	C	HURON/HURON REGIONAL, SD.	USA
20292	CT	GMO IM.E.K. FEDOROVA	USSR	41765	C	HYDERABAD	PAKISTAN
43192	CT	GOA/PANJIM	INDIA	43128	CT	HYDERABAD AIRPORT	INDIA
87880	C	GOBERNADOR GREGORES AERO	ARGENTINA	47016	C	HYESAN	DPR KOREA
04250	C	GOOTTHAB	DENMARK	15090	C	IASI	ROMANIA
09499	C	GOERLITZ	GERMAN DEM REP	80214	C	IBAGUE/PERALES	COLOMBIA
63331	C	GONDAR	ETHIOPIA	32411	C	ICA	USSR
72465	C	GOODLAND/RENNER FIELD/, KS.	USA	87097	C	IGUAZU AERO	ARGENTINA
71816	C	GOOSE, NFLD.	CANADA	61972	C	ILE EUROPA	FRANCE
02512	C	GOTEBORG/SAVE	SWEDEN	61970	C	ILE JUAN DE NOVA	FRANCE
61045	C	GOURE	NIGER	61968	C	ILES GLORIEUSES	FRANCE
94150	CT	GOVE AIRPORT	AUSTRALIA	25248	C	ILIRNEJ	USSR
72476	C	GRAND JUNCTION/WALKER F., CO.	USA	60640	C	ILLIZI	ALGERIA
72635	C	GRAND RAPIDS/KENT CO., MI.	USA	98637	C	ILOILO	PHILIPPINES
11240	C	GRAZ-THALERHOF-FLUGHAFEN	AUSTRIA	31416	C	IM POLINY OSIPENKO	USSR
72775	CT	GREAT FALLS/INTL, MT.	USA	60611	C	IN AMENAS	ALGERIA
72645	C	GREEN BAY/A.-STRAUBEL, WI.	USA	60630	C	IN SALAH	ALGERIA
72317	C	GREENSBORO/G.-HIGH PT., NC.	USA	47112	C	INCHON	REP KOREA
72312	C	GREENVILLE/G-SPARTANBURG, SC.	USA	72438	C	INDIANAPOLIS/I.-MUN/WEI., IN.	USA
09184	CT	GREIFSWALD	GERMAN DEM REP	42754	C	INDORE	INDIA
87497	C	GUALEGUAYCHU AERO	ARGENTINA	67323	C	INHAMBANE	MOZAMBIQUE
91217	C	GUAM, MARIANA IS.	USA	11120	C	INNSBRUCK-FLUGHAFEN	AUSTRIA
78701	C	GUANAJA	HONDURAS	72747	CT	INT. FALLS/FALLS INTL, MN.	USA
80428	C	GUANARE	VENEZUELA	71907	C	INUJKUAK, QUE.	CANADA
59287	CT	GUANGZHOU	CHINA	71957	CT	INUVIK, N.W.T.	CANADA
80448	C	GUASDUALITO	VENEZUELA	93844	CT	INVERCARGILL AERODROME	N ZEALAND
84203	C	GUAYAQUIL/SIMON BOLIVAR	ECUADOR	80370	C	IPIALES/SAN LUIS	COLOMBIA
80423	C	GUIRIA	VENEZUELA	84377	C	IQUITOS	PERU
02128	C	GUNNARN	SWEDEN	83881	C	IRAI	BRAZIL
35700	CT	GUR'EV	USSR	83836	C	IRATI	BRAZIL
40360	C	GURIAT	SAUDI ARABIA	30710	C	IRKUTSK	USSR
40250	C	H-4 'IRWAISHED'	JORDAN	47918	CT	ISHIGAKIJIMA	JAPAN
31735	CT	HABAROVSK	USSR	85469	C	ISLA DE PASCUA	CHILE
47678	C	HACHIJOOJIMA	JAPAN	85585	C	ISLA ROBINSON CRUSOE	CHILE
47678	T	HACHIJOOJIMA/OMURE	JAPAN	17240	CT	ISPARTA	TURKEY
47069	C	HAEJU	DPR KOREA	17062	CT	ISTANBUL/GOZTEPE	TURKEY
40373	C	HAFR AL-BATIN	SAUDI ARABIA	17220	C	IZMIR	TURKEY
59758	C	HAIKOU	CHINA	84088	C	IZOBAMBA-SANTA CATALINA	ECUADOR
40394	CT	HAIL	SAUDI ARABIA	47800	C	IZUHARA	JAPAN
50527	CT	HAILAR	CHINA	82640	C	JACAREACANGA	BRAZIL
71081	C	HALL BEACH, N.W.T.	CANADA	87305	C	JACHAL	ARGENTINA
89022	T	HALLEY	U KINGDOM	72235	C	JACKSON/ALLEN C. THOMP., MS.	USA
94212	C	HALLS CREEK AIRPORT	AUSTRALIA	72206	C	JACKSONVILLE/INTL, FL.	USA
43497	C	HAMBANTOTA	SRI LANKA	41715	C	JACOBABAD	PAKISTAN
10147	C	HAMBURG-FUHLSBUETTEL	GERMANY, FED REP	83186	C	JACOBINA	BRAZIL
52203	C	HAMI	CHINA	43041	C	JAGDALPUR	INDIA
10338	CT	HANNOVER	GERMANY, FED REP	24959	CT	JAKUTSK	USSR
23933	CT	HANTY-MANSIJSK	USSR	01001	CT	JAN MAYEN	NORWAY
91944	CT	HAO	FRENCH POLY.	68368	C	JAN SMUTS	SOUTH AFRICA
02196	C	HAPARANDA	SWEDEN	41024	CT	JEDDAHKING ABDUL AZIZ IAP)	SAUDI ARABIA
34300	CT	HAR'KOV	USSR	40184	C	JERUSALEM	ISRAEL
67775	C	HARARE (KUTSAGA)	ZIMBABWE	41598	C	JHELUM	PAKISTAN
02361	C	HARNOSAND	SWEDEN	63402	C	JIMMA	ETHIOPIA
72508	C	HARTFORD/BRADLEY INTL, CT.	USA	52533	C	JIUQUAN	CHINA
60581	C	HASSI-MESSAOUD	ALGERIA	41756	C	JIWANI	PAKISTAN
20891	CT	HATANGA	USSR	42339	CT	JODHPUR	INDIA
78988	CT	HATO AIRPORT,CURACAO	CURACAO BONAIRE	02929	C	JOENSUU	FINLAND
72772	C	HELENA/COUNTY-CITY, MT.	USA	02963	CT	JOKIOINEN	FINLAND
02974	C	HELSINKI-VANTAA	FINLAND	02550	C	JONKOPING FLYGPLATS	SWEDEN
62378	C	HELWAN	EGYPT	78762	C	JUAN SANTAMARIA	COSTA RICA
16754	CT	HERAKLION	GREECE	84474	C	JUANJUI	PERU
91945	C	HEREHERETUE	FRENCH POLY.	87046	C	JUJUY AERO	ARGENTINA
91285	CT	HILO/GEN. LYMAN, HAWAII,	USA	78866	CT	JULIANA AIRPORT, ST. MAARTEN	ST.MAARTEN, ST.EUST.
47765	C	HIROSHIMA	JAPAN	87548	C	JUNIN AERO	ARGENTINA
04082	C	HJARDARNES	ICELAND	32150	CT	JUZNO-SAHALINSK	USSR
94975	CT	HOBART AIRPORT	AUSTRALIA	02935	CT	JYVASKYLA	FINLAND
93614	C	HOKITIKA AERODROME	N ZEALAND	61886	C	KABALA	SIERRA LEONE
61240	C	HOMBORI	MALI	67663	C	KABWE	ZAMBIA
91182	C	HONOLULU, OAHU, HAWAII	USA	61492	C	KAEDI	MAURITANIA
08506	C	HORTA (ACORES)	PORTUGAL	47827	C	KAGOSHIMA	JAPAN
23219	C	HOSEDA-HARD	USSR	47827	T	KAGOSHIMA/YOSHINO	JAPAN
51828	C	HOTAN	CHINA	93012	CT	KAITAIA	N ZEALAND
72243	C	HOUSTON/INTERCONTINENTAL,TX.	USA	02897	C	KAJAANI	FINLAND
78806	T	HOWARD AFB	PANAMA	30469	C	KALAKAN	USSR

STATION LIST RECENT DATA

16726	C	KALAMATA	GREECE	78705	C	LA CEIBA (AIRPORT)	HONDURAS
94637	CT	KALGOORLIE AIRPORT	AUSTRALIA	08001	C	LA CORUNA	SPAIN
25744	C	KAMENSKOE	USSR	78708	C	LA MESA (SAN PEDRO SULA)	HONDURAS
67586	C	KAMUZU INTL.	MALAWI	87007	C	LA QUIACA OBSERVATORIO	ARGENTINA
47605	C	KANAZAWA	JAPAN	87217	C	LA RIOJA AERO.	ARGENTINA
65306	C	KANDI	BENIN	85488	C	LA SERENA	CHILE
47105	C	KANGNUNG	REP KOREA	87534	C	LABOULAYE	ARGENTINA
22165	C	KANIN NOS	USSR	68476	C	LADYSMITH	SOUTH AFRICA
72446	C	KANSAS CITY, INTL, MO.	USA	65202	T	LAGOS/OSHODI	NIGERIA
61679	C	KAOLACK	SENEGAL	41640	C	LAHORE CITY	PAKISTAN
04340	C	KAP TOBIN	DENMARK	72240	C	LAKE CHARLES/MUN., LA.	USA
71831	C	KAPUSKASING, ONT.	CANADA	72576	C	LANDER/HUNT, WY.	USA
41780	CT	KARACHI AIRPORT	PAKISTAN	52889	CT	LANZHOU	CHINA
35394	CT	KARAGANDA	USSR	98223	C	LAOAG	PHILIPPINES
02080	C	KARESUANDO	SWEDEN	02958	C	LAPPEENRANTA	FINLAND
62660	C	KARIMA	SUDAN	16648	C	LARISSA	GREECE
02418	C	KARLSTAD FLYGPLATS	SWEDEN	17609	C	LARNACA AIRPORT	CYPRUS
67475	C	KASAMA	ZAMBIA	87078	C	LAS LOMITAS	ARGENTINA
51709	C	KASHI	CHINA	72386	C	LAS VEGAS/MCCARRAN, NV.	USA
62730	C	KASSALA	SUDAN	94865	CT	LAVERTON AERODROME	AUSTRALIA
10438	C	KASSEL	GERMANY, FED REP	78925	C	LE LAMENTIN	MARTINIQUE
17074	C	KASTAMONU	TURKEY	78897	CT	LE RAIETZ/GUADELOUPE	ST. MARTIN, ST. BARTH.
26629	CT	KAUNAS	USSR	94302	C	LEARMONTH AIRPORT	AUSTRALIA
61257	C	KAYES	MALI	12120	CT	LEBA	POLAND
27595	CT	KAZAN.	USSR	03257	C	LEEMING	U KINGDOM
61699	C	KEDOUGOU	SENEGAL	98444	C	LEGASPI	PHILIPPINES
04018	CT	KEFLAVIK	ICELAND	12374	T	LEGIONOWO	POLAND
61285	C	KENIEBA	MALI	09469	C	LEIPZIG-SCHKEUDITZ	GERMAN DEM REP
16641	C	KERKYRA	GREECE	83242	C	LENCOIS	BRAZIL
40841	C	KERMAN	IRAN, ISLAMIC REP	26063	CT	LENINGRAD (TOWN/VILLE)	USSR
02805	C	KEVO	FINLAND	03005	CT	LERWICK	U KINGDOM
72201	C	KEY WEST/INTL, FL.	USA	71874	C	LETHBRIDGE, ALTA.	CANADA
41114	CT	KHAMIS MUSHAIT	SAUDI ARABIA	80398	C	LETICIA/VASQUEZ COBO	COLOMBIA
62721	CT	KHARTOUM	SUDAN	72422	C	LEXINGTON/BLUE GRASS, KY.	USA
33345	CT	KIEV	USSR	55591	T	LHASA	CHINA
64387	C	KIGALI	RWANDA	67217	C	LICHINGA	MOZAMBIQUE
02801	C	KILPISJARVI	FINLAND	91165	CT	LIHUE, KAUAI, HAWAII	USA
68438	C	KIMBERLEY	SOUTH AFRICA	84628	CT	LIMA-CALLAO/AEROP. INTL	PERU
47025	C	KIMCHAEK	DPR KOREA	07434	C	LIMOGES	FRANCE
40437	CT	KING KHALED INTL AIRPORT	SAUDI ARABIA	09393	CT	LINDENBERG	GERMAN DEM REP
70326	C	KING SALMON, AK.	USA	61627	C	LINGUERE	SENEGAL
45004	T	KING'S PARK	HONG KONG	08535	C	LISBOA	PORTUGAL
78397	C	KINGSTON/NORMAN MANLEY	JAMAICA	08579	T	LISBOA/GAGO COUTINHO	PORTUGAL
30230	CT	KIRENSK	USSR	67743	C	LIVINGSTONE	ZAMBIA
27196	C	KIROV	USSR	84270	C	LOJA/LA ARGELIA	ECUADOR
61270	C	KITA	MALI	15511	C	LOM	BULGARIA
11231	C	KLAGENFURT-FLUGHAFEN	AUSTRIA	65387	C	LOME	TOGO
72326	C	KNOXVILLE/MUN., TN.	USA	03776	C	LONDON/GATWICK AIRPORT	U KINGDOM
06186	C	KOBENHAVN/LANDBOHOJSKOLEN	DENMARK & FAROE IS.	83766	C	LONDrina	BRAZIL
47893	C	KOCHI	JAPAN	94346	C	LONGREACH AIRPORT	AUSTRALIA
61698	C	KOLDA	SENEGAL	72247	T	LONGVIEW, TX.	USA
29231	CT	KOLPASEV	USSR	94995	CT	LORD HOWE ISLAND	AUSTRALIA
10929	C	KONSTANZ	GERMANY, FED REP	72295	C	LOS ANGELES/INTL, CA.	USA
25954	CT	KORF	USSR	64401	C	LOUBOMO	CONGO
91408	C	KOROR, PALAU IS.	USA	72423	C	LOUISVILLE/STANDIFORD, KY.	USA
62772	C	KOSTI	SUDAN	72267	C	LUBBOCK/LUBBOCK INTL, TX.	USA
42452	C	KOTA AERODROME	INDIA	42369	T	LUCKNOW/AMAUSI	INDIA
48615	CT	KOTA BHARU	MALAYSIA	06770	C	LUGANO	SWITZ. LIECH.
96471	CT	KOTA KINABALU	MALAYSIA	61856	C	LUNGI	SIERRA LEONE
70133	CT	KOTZEBUE, RALPH WIEN, AK.	USA	16597	C	LUGA	MALTA
91577	C	KOUMAC (NLLE-CALEDONIE)	N CALEDONIA	67666	T	LUSAKA CITY AIRPORT	ZAMBIA
61293	C	KOUTIALA	MALI	06590	C	LUXEMBOURG/LUXEMBOURG	LUXEMBOURG
43314	C	KOZHIKODE	INDIA	07480	C	LYON/BRON	FRANCE
29574	CT	KRASNODARSK	USSR	07481	T	LYON/SATOLAS	FRANCE
38507	C	KRASNODARSK	USSR	60467	C	M'SILA	ALGERIA
48648	T	KUALA LUMPUR/PETALING JAYA	MALAYSIA	40310	C	MA'AN	JORDAN
48647	C	KUALA LUMPUR/SUBANG	MALAYSIA	45011	C	MACAO	MACAU
48657	CT	KUANTAN	MALAYSIA	82098	C	MACAPA	BRAZIL
96413	CT	KUCHING	MALAYSIA	43185	C	MACHILIPATNAM (FRANCHPET)	INDIA
62271	C	KUFRA	LIBYAN ARAB JAMAHIRI	94367	C	MACKAY	AUSTRALIA
56778	CT	KUNMING	CHINA	72217	C	MACON/LEWIS B. WILSON, GA.	USA
28952	CT	KUSTANAJ	USSR	94998	CT	MACQUARIE ISLAND	AUSTRALIA
71906	C	KUUJJUAQ, QUE.	CANADA	98646	C	MACTAN	PHILIPPINES
02869	C	KUUSAMO	FINLAND	94014	C	MADANG M.O.	PAPUA N GUINEA
91366	C	KWAJALEIN/BUCH. MARSHALL IS.	USA	40430	T	MADINAH	SAUDI ARABIA
33393	CT	L'VOV	USSR	72641	C	MADISON/DANE COUNTY REG., WI. USA	

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43279	CT	MADRAS/MINAMBAKKAM	INDIA	30673	C	MOGOKA	USSR
08222	C	MADRID	SPAIN	47165	C	MOKP'O	REP KOREA
08221	T	MADRID/BARAJAS	SPAIN	72544	C	MOLINE/QUAD CITY, IL.	USA
47624	C	MAEBASHI	JAPAN	72349	T	MONETT, MO.	USA
40265	T	MAFRAQ	JORDAN	67633	C	MONGU	ZAMBIA
61091	C	MAGARIA	NIGER	78388	C	MONTEGO BAY/SANGSTER	JAMAICA
60522	C	MAGHNIA	ALGERIA	76393	C	MONTERREY, N.L.	MEXICO
61096	C	MAINE-SOROA	NIGER	72226	C	MONTGOMERY/DANNELLY, AL.	USA
91376	C	MAJURO/MARSHALL IS. INTL	USA	71627	C	MONTREAL/DORVAL INTL, QUE.	CANADA
64403	C	MAKABANA	CONGO	71836	CT	MOOSONEE, ONT.	CANADA
41030	C	MAKKAH	SAUDI ARABIA	61265	C	MOPTI	MALI
48665	C	MALACCA	MALAYSIA	94527	CT	MOREE	AUSTRALIA
62840	C	MALAKAL	SUDAN	27612	CT	MOSKVA	USSR
87506	C	MALARGUE AERO	ARGENTINA	60457	C	MOSTAGANEM	ALGERIA
03980	C	MALIN HEAD	IRELAND	71072	C	MOULD BAY A, N.W.T.	CANADA
63799	C	MALINDI	KENYA	64706	C	MOUNDOU	CHAD
65548	C	MAN	COTE D'IVOIRE	64402	C	MOUYONDZI	CONGO
82331	C	MANAUS	BRAZIL	63619	C	MOYALE	KENYA
82332	T	MANAUS (AEROPORTO)	BRAZIL	94821	CT	MT GAMBIER AIRPORT	AUSTRALIA
03334	C	MANCHESTER AIRPORT	U KINGDOM	94332	CT	MT ISA AIRPORT	AUSTRALIA
48042	C	MANDALAY	BURMA	63971	C	MTWARA	U REP TANZANIA
44341	C	MANDALGOVI	MONGOLIA	10868	T	MUENCHEN-OBERSCHLEISHEIM	GERMANY, FED REP
65352	C	MANGO	TOGO	10866	C	MUENCHEN-RIEM	GERMANY, FED REP
98429	C	MANILA INTL AIRPORT	PHILIPPINES	17292	C	MUGLA	TURKEY
71722	CT	MANIWAKI, QUE.	CANADA	42147	C	MUKTESWAR KUMAON	INDIA
76654	C	MANZANILLO, COL.	MEXICO	41675	CT	MULTAN	PAKISTAN
87692	C	MAR DEL PLATA AERO	ARGENTINA	08430	T	MURCIA	SPAIN
82562	C	MARABA	BRAZIL	44231	C	MUREN	MONGOLIA
80413	C	MARACAY - B.A. SUCRE	VENEZUELA	22113	CT	MURMANSK	USSR
61080	C	MARADI	NIGER	72636	C	MUSKEGON/COUNTY, MI.	USA
87467	C	MARCOS JUAREZ AERO	ARGENTINA	63756	C	MWANZA	U REP TANZANIA
16325	C	MARINA DI GINOSA	ITALY	48008	C	MYITKYINA	BURMA
68994	C	MARION ISLAND	SOUTH AFRICA	23146	CT	MYS KAMENNYJ	USSR
86068	C	MARISCAL ESTIGARRIBIA	PARAGUAY	25173	CT	MYS SMIDTA	USSR
72743	C	MARQUETTE, MI.	USA	25399	C	MYS UELLEN	USSR
60230	C	MARRAKECH	MOROCCO	61049	C	N'GUIGMI	NIGER
07650	C	MARSEILLE/MARIGNANE	FRANCE	72340	C	N. LITTLE ROCK/MUN. APRT., AR.	USA
40745	C	MASHHAD	IRAN, ISLAMIC REP	47817	C	NAGASAKI	JAPAN
41288	C	MASIRAH	OMAN	47636	C	NAGOYA	JAPAN
61630	C	MATAM	SENEGAL	42867	CT	NAGPUR SONEGAON	INDIA
47618	C	MATSUMOTO	JAPAN	47936	CT	NAHA	JAPAN
89564	C	MAWSON	AUSTRALIA	63740	C	NAIROBI/KENYATTA AIRPORT	KENYA
70231	C	MCGRATH, AK.	USA	41128	C	NAJRAN	SAUDI ARABIA
72597	CT	MEDFORD/MEDFORD-JACKSON, OR.	USA	48431	C	NAKHON RATCHASIMA	THAILAND
94430	C	MEEKATHARRA AIRPORT	AUSTRALIA	48400	C	NAKHON SANWAN	THAILAND
09548	CT	MEININGEN	GERMAN DEM REP	67237	C	NAMPULA	MOZAMBIQUE
60150	C	MEKNES	MOROCCO	58606	C	NANCHANG	CHINA
86440	C	MELO	URUGUAY	07180	CT	NANCY/ESSEY	FRANCE
87418	C	MENDOZA AERO	ARGENTINA	91680	CT	NANDI	FIJI
80425	C	MENE GRANDE	VENEZUELA	59431	C	NANNING	CHINA
56985	C	MENGZI	CHINA	07222	C	NANTES	FRANCE
08314	C	MENORCA/MAHON	SPAIN	23205	CT	NAR' JAN-MAR	USSR
86490	C	MERCEDES	URUGUAY	61233	C	NARA	MALI
80438	C	MERIDA	VENEZUELA	04270	T	NARSSARSSUAQ	DENMARK
72234	C	MERIDIAN/KEY, MS.	USA	72327	CT	NASHVILLE/OLD HICKORY, TN.	USA
62306	C	MERSA MATRUH	EGYPT	78073	C	NASSAU AIRPORT	BAHAMAS
72202	C	MIAMI, FL.	USA	65319	C	NATITINGOU	BENIN
72265	C	MIDLAND/MIDLAND REG., TX.	USA	91683	C	NAUSORI	FIJI
91066	T	MIDWAY ISLAND	USA	47909	C	NAZE	JAPAN
84202	C	MILAGRO	ECUADOR	47909	T	NAZE/FUNCHATOGE	JAPAN
16080	T	MILANO/LINATE	ITALY	64700	C	NDJAMENA	CHAD
94693	C	MILDURA AIRPORT	AUSTRALIA	80315	C	NEIVA/LA MANGUITA	COLOMBIA
60430	C	MILIANA	ALGERIA	61497	C	NEMA	MAURITANIA
72640	C	MILWAUKEE/GEN. MITCHELL, WI.	USA	47420	CT	NEMURO	JAPAN
47945	CT	MINAMIDAITOJIMA	JAPAN	87715	C	NEUQUEN AERO	ARGENTINA
47991	CT	MINAMITORISHIMA	JAPAN	42182	CT	NEW DELHI/SAFDARJUNG	INDIA
43369	CT	MINICOY	INDIA	72231	C	NEW ORLEANS, LA	USA
72658	C	MINNEAPOLIS/ST. PAUL INTL, MN.	USA	93308	C	NEW PLYMOUTH AERODROME	N ZEALAND
26850	CT	MINSK	USSR	72503	C	NEW YORK/LA GUARDIA, NY.	USA
29866	C	MINUSINSK	USSR	61052	CT	NIAMEY-AERO	NIGER
12772	C	MISKOLC	HUNGARY	07690	C	NICE	FRANCE
72773	C	MISSOULA/JOHNSON-BELL F., MT.	USA	47604	C	NIIGATA	JAPAN
47585	C	MIYAKO	JAPAN	02942	C	NIINISALO	FINLAND
47927	C	MIYAKOJIMA	JAPAN	32618	C	NIKOL'SKOE (OSTROV BERINGA)	USSR
47830	C	MIYAZAKI	JAPAN	31369	C	NIKOLAEVSK-NA-AMURE	USSR
72223	C	MOBILE/BATES FIELD, AL.	USA	07645	CT	NIMES/COURBESSAC	FRANCE

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61230	C	NIORO DU SAHEL	MALI	72408	C	PHILADELPHIA/INTL. PA.	USA
23724	C	NJAKSIMVOL'	USSR	48378	C	PHITSANULOK	THAILAND
61878	C	NJALA	SIERRA LEONE	72278	C	PHOENIX/SKY HARBOR INTL. AZ.	USA
70200	CT	NOME, AK.	USA	78970	C	PIARCO INTL AIRPORT, TRINIDAD	TRINIDAD TOBAGO
04312	C	NORD AOS	DENMARK	84140	C	PICHILINGUE	ECUADOR
94996	CT	NORFOLK ISLAND AIRPORT	AUSTRALIA	68174	C	PIETERSBURG	SOUTH AFRICA
72308	C	NORFOLK/INTL, VA.	USA	87679	C	PIQUE AERO	ARGENTINA
72556	C	NORFOLK/KARL STEFAN, NE.	USA	86255	C	PILAR	PARAGUAY
71043	CT	NORMAN WELLS, N.W.T.	CANADA	87349	C	PILAR OBSERVATORIO	ARGENTINA
71731	C	NORTH BAY, ONT.	CANADA	16158	C	PISA/S. GIUSTO	ITALY
72562	CT	NORTH PLATTE/LEE BIRD, NE.	USA	84691	C	PISCO	PERU
61415	CT	NOUADHIBOU	MAURITANIA	72520	C	PITTSBURGH/GREATER PITT., PA.	USA
91592	CT	NOUMEA (NLE-CALEDONIE)	N CALEDONIA	84401	C	PIURA	PERU
10763	C	NUERNBERG	GERMANY, FED REP	37050	C	PJATIGORSK	USSR
84132	C	NUEVO ROCAFUERTE	ECUADOR	61990	C	PLAISANCE (MAURITIUS)	MAURITIUS
76775	C	OAXACA, OAX.	MEXICO	03827	C	PLYMOUTH/MOUNT BATTEN	U KINGDOM
33837	CT	ODESSA	USSR	72578	C	POCATELLO/NUM., ID.	USA
65528	C	ODIENNE	COTE D'IVOIRE	61612	C	PODOR	SENEGAL
31088	CT	CHOTSK	USSR	47138	T	POHANG	REP KOREA
47815	C	OITA	JAPAN	20046	TC	POLAR GMO IM.E.T. KRENKELJA	USSR
24688	C	OJMJKON	USSR	91348	C	PONAPE, CAROLINE ISLANDS.	USA
72353	C	OKLAHOMA CITY/W.R.WORLD, OK.	USA	08513	C	PONTA DELGADA (ACORES)	PORTUGAL
24125	CT	OLENEK	USSR	83702	C	PONTA PORA	BRAZIL
72792	C	OLYMPIA, WA.	USA	43063	C	POONA	INDIA
47655	C	OMAEZAKI	JAPAN	11952	T	POPRAD/GANOVCE	CZECHOSLOVAKIA
72553	C	OMAHA, NE.	USA	11934	C	POPRAD/TATRY	CZECHOSLOVAKIA
28698	CT	OMSK	USSR	80421	C	PORLAMAR(AP INTL DEL CARIBE)	VENEZUELA
87016	C	ORAN AERO	ARGENTINA	43333	CT	PORT BLAIR	INDIA
60490	C	ORAN/ES SENIA	ALGERIA	68842	C	PORT ELIZABETH	SOUTH AFRICA
35121	T	ORENBURG	USSR	71109	C	PORT HARDY, B.C.	CANADA
01241	T	ORLAND	NORWAY	94312	CT	PORT HEDLAND AIRPORT	AUSTRALIA
01241	C	ORLAND III	NORWAY	94035	C	PORT MORESBY M.O.	PAPUA N GUINEA
72205	C	ORLANDO/JETPORT/ FL.	USA	62641	C	PORT SUDAN	SUDAN
40712	C	ORUMIEH	IRAN, ISLAMIC REP	78437	C	PORT-AU-PRINCE (DAMIEN)	HAITI
47772	C	OSAKA	JAPAN	72606	C	PORTLAND/INTL JET PORT, ME.	USA
01384	CT	OSLO/GARDERMOEN	NORWAY	72698	C	PORTLAND/INTL, OR.	USA
02226	C	OSTERSUND/FROSON	SWEDEN	83967	C	PORTO ALEGRE	BRAZIL
11782	C	OSTRAVA/MOSNOV	CZECHOSLOVAKIA	83971	T	PORTO ALEGRE (AEROPORTO)	BRAZIL
21965	CT	OSTROV CETYREH-STOLBOVOJ	USSR	83064	C	PORTO NACIONAL	BRAZIL
20674	CT	OSTROV DIKSON	USSR	82825	C	PORTO VELHO	BRAZIL
21432	CT	OSTROV KOTEL'NYJ	USSR	84135	C	PORTO VIEJO-GRANJA	ECUADOR
20069	C	OSTROV VIZE	USSR	08546	C	PORTO/SERRA DO PILAR	PORTUGAL
65503	C	OUAGADOUGOU	BURKINA FASO	87178	C	POSADAS AERO.	ARGENTINA
65502	C	OUAHIGOUYA	BURKINA FASO	09379	C	POTSDAM	GERMAN DEM REP
60265	C	OUARZAZATE	MOROCO	12330	CT	POZNAN	POLAND
02875	C	OULU	FINLAND	48500	C	PRACHUAP KHIRIKHAN	THAILAND
91765	CT	PAGO PAGO/INT. AIRPORT	USA	11520	CT	PRAHA-LIBUS	CZECHOSLOVAKIA
48955	C	PAKSE	LAO PDR	11518	C	PRAHA/RUZYNE	CZECHOSLOVAKIA
08306	C	PALMA DE MALLORCA/SON SAN J.	SPAIN	87149	C	PRES. ROQUE SAENZ PENA AERO	ARGENTINA
43363	C	PAMBAN	INDIA	68262	C	PRETORIA	SOUTH AFRICA
43285	T	PANAMBUR	INDIA	71896	CT	PRINCE GEORGE, B.C.	CANADA
41739	C	PANJUR	PAKISTAN	04390	C	PRINS CHRISTIAN SUND	DENMARK
41560	C	PARACHINAR	PAKISTAN	72507	C	PROVIDENCE/GREEN STATE, RI.	USA
65330	C	PARAKOU	BENIN	80002	C	PROVIDENCIA (ISLA)	COLOMBIA
87374	C	PARANA AERO	ARGENTINA	12695	C	PRZEMYSL	POLAND
07150	C	PARIS/LE BOURGET	FRANCE	84515	C	PUCALLPA	PERU
82287	C	PARNAIBA	BRAZIL	80457	C	PUERTO AYACUCHO	VENEZUELA
87289	C	PASO DE LOS LIBRES AERO	ARGENTINA	80139	C	PUERTO CARRERO	COLOMBIA
86460	C	PASO DE LOS TOROS	URUGUAY	86086	C	PUERTO CASADO	PARAGUAY
80342	C	PASTO/ANTONIO NARINO	COLOMBIA	87896	C	PUERTO DESEADO AERO	ARGENTINA
82791	C	PATOS	BRAZIL	78711	C	PUERTO LEMPIRA	HONDURAS
06610	T	PAYERNE	SWITZ. LIECH.	78767	C	PUERTO LIMON	COSTA RICA
12942	C	PECS	HUNGARY	84658	C	PUERTO MALDONADO	PERU
86097	C	PEDRO JUAN CABALLERO	PARAGUAY	85799	C	PUERTO MONTT	CHILE
87544	C	PEHUajo AERO	ARGENTINA	86248	C	PUERTO PRESIDENTE STROESSNER	PARAGUAY
48601	CT	PENANG/BAYAN LEPAS	MALAYSIA	85934	C	PUNTA ARENAS	CHILE
72688	C	PENDLETON, OR.	USA	78760	C	PUNTARENAS	COSTA RICA
72532	C	PEORIA/GREATER PEORIA, IL.	USA	47159	C	PUSAN	REP KOREA
80210	C	PEREIRA/MATECANA	COLOMBIA	47058	CT	PYONGYANG	DPR KOREA
28225	C	PERM	USSR	56137	C	QAMDO	CHINA
07747	C	PERPIGNAN	FRANCE	54857	C	QINGDAO	CHINA
94610	CT	PERTH AIRPORT	AUSTRALIA	50745	C	QIOIHAR	CHINA
16230	C	PESCARA	ITALY	67283	C	QUELIMANE	MOZAMBIQUE
41530	CT	PESHAWAR	PAKISTAN	41660	C	QUETTA AIRPORT	PAKISTAN
82983	C	PETROLINA	BRAZIL	80144	C	QUIBDO/EL CARANO	COLOMBIA
32540	CT	PETROPAVLOVSK-KAMCatskij	USSR	72797	CT	QUILLAYUTE, WA.	USA

STATION LIST RECENT DATA

94085	C	RABAUL M.O.	PAPUA N GUINEA	87509	C	SAN RAFAEL AERO	ARGENTINA
72306	C	RALEIGH/RALEIGH-DURHAM, NC.	USA	71101	C	SANDSPIT, B.C.	CANADA
48097	C	RANGOON	BURMA	87912	C	SANTA CRUZ AERO	ARGENTINA
91958	CT	RAPA	FRENCH POLY.	60020	C	SANTA CRUZ DE TENERIFE	SPAIN
72662	C	RAPID CITY/REG., SD.	USA	08515	C	SANTA MARIA (ACORES)	PORTUGAL
91843	C	RAROTONGA	N ZEALAND	72394	C	SANTA MARIA/PUBLIC, CA.	USA
22602	C	REBOLY	USSR	80009	C	SANTA MARTA/SIMON BOLIVAR	COLOMBIA
82900	C	RECIFE (CURADO)	BRAZIL	87623	C	SANTA ROSA AERO	ARGENTINA
87270	C	RECONQUISTA AERO	ARGENTINA	87129	C	SANTIAGO DEL ESTERO AERO.	ARGENTINA
71863	C	REGINA, SASK.	CANADA	82280	C	SAO LUIZ	BRAZIL
72488	C	RENO/INTL, NV.	USA	83781	C	SAO PAULO	BRAZIL
87155	C	RESISTENCIA AERO.	ARGENTINA	83780	T	SAO PAULO (AEROPORTO)	BRAZIL
71924	C	RESOLUTE, N.W.T.	CANADA	47412	CT	SAPPORO	JAPAN
04030	C	REYKJAVIK	ICELAND	13354	C	SARAJEVO	YUGOSLAVIA
72401	C	RICHMOND/BYRD, VA.	USA	34172	CT	SARATOV	USSR
91948	C	RIKITEA	FRENCH POLY.	41594	T	SARGODHA	PAKISTAN
82915	C	RIO BRANCO	BRAZIL	64750	C	SARH	CHAD
87736	C	RIO COLORADO	ARGENTINA	72734	C	SAULT STE. MARIE, MI.	USA
87453	C	RIO CUARTO AERO	ARGENTINA	72207	C	SAVANNAH/MUNICIPAL, GA.	USA
83743	C	RIO DE JANEIRO	BRAZIL	65335	C	SAVE	BENIN
87925	C	RIO GALLEGOS AERO	ARGENTINA	48938	C	SAYABOURY	LAO PDR
80112	C	RIONEGRO/J.M.CORDOVA	COLOMBIA	10035	CT	SCHLESWIG	GERMANY, FED REP
87065	C	RIVADAVIA	ARGENTINA	04339	T	SCORESBYSUND	DENMARK
40438	C	RIYADH	SAUDI ARABIA	72793	C	SEATTLE/S.-TACOMA, WA.	USA
72411	C	ROANOKE/MUN., VA.	USA	62124	C	SEBHA	LIBYAN ARAB JAMAHIRI
65660	C	ROBERTS FIELD	LIBERIA	41256	C	SEEB, INTERNATIONAL AIRPORT	OMAN
86565	C	ROCHA	URUGUAY	61272	C	SEGOU	MALI
72644	C	ROCHESTER/MUN., MN.	USA	25703	CT	SEJMCAN	USSR
72529	C	ROCHESTER/R-MONROE CTY., NY.	USA	36177	C	SEMIPALATINSK	USSR
61988	C	RODRIGUES	MAURITIUS	47590	CT	SENDAI	JAPAN
06190	C	RONNE	DENMARK & FAROE IS.	62762	C	SENNAR	SUDAN
87480	C	ROSARIO AERO	ARGENTINA	48948	C	SENO	LAO PDR
61489	C	ROSSO	MAURITANIA	71811	C	SEPT-ILES, QUE.	CANADA
34731	CT	ROSTOV-NA-DONU	USSR	61976	C	SERGE-FROLLOW (ILE TROMELIN)	FRANCE
89062	C	ROTHERA POINT	U KINGDOM	60445	C	SETIF	ALGERIA
45005	C	ROYAL OBSERVATORY	HONG KONG	08390	C	SEVILLA/TABLADA	SPAIN
51777	C	RUOQIANG	CHINA	63980	C	SEYCHELLES INTL AIRPORT	SEYCHELLES
89001	C	S.A.N.A.E. STATION	SOUTH AFRICA	63985	T	SEYCHELLES INTL AP(RAW.STN)	SEYCHELLES
82106	C	S.GABRIEL DO CACHOEIRA(UAU.)	BRAZIL	58367	CT	SHANGHAI	CHINA
71600	C	SABLE ISLAND, N.S.	CANADA	03962	C	SHANNON AIRPORT	IRELAND
72483	C	SACRAMENTO/EXECUTIVE, CA.	USA	59316	C	SHANTOU	CHINA
06680	C	SAENTIS	SWITZ. LIECH.	71601	C	SHEARWATER, N.S.	CANADA
42671	C	SAGAR	INDIA	70414	T	SHEMYA AFB, AK.	USA
44354	C	SAINSHAND	MONGOLIA	54342	C	SHENYANG	CHINA
61980	C	SAINT-DENIS/GILLOT (REUNION)	FRANCE	72666	C	SHERIDAN/COUNTY, WY.	USA
61600	C	SAINT-Louis	SENEGAL	47898	C	SHIMIZU/ASHIZURI	JAPAN
71805	C	SAINT-PIERRE	ST. PIERRE MIGUELON	47778	CT	SHIONOMISAKI	JAPAN
08594	T	SAL	CAPE VERDE	40848	C	SHIRAZ	IRAN, ISLAMIC REP
41316	CT	SALALAH	OMAN	72248	C	SHREVEPORT/REG., LA.	USA
23330	CT	SALEHARD	USSR	64405	C	SIBITI	CONGO
76833	C	SALINA CRUZ, OAX.	MEXICO	15260	C	SIBIU	ROMANIA
72572	C	SALT LAKE CITY/INTL, UT.	USA	61297	C	SIKASSO	MALI
87047	C	SALTA AERO	ARGENTINA	33946	C	SIMFEROPOL'	USSR
86360	C	SALTO	URUGUAY	32195	C	SIMUSIR	USSR
86210	C	SALTOS DEL GUAIRA	PARAGUAY	48698	CT	SINGAPORE/CHANGI AIRPORT	SINGAPORE
83229	C	SALVADOR	BRAZIL	72557	C	SIOUX CITY/MUN., IA.	USA
11150	C	SALZBURG-FLUGHAFEN	AUSTRIA	72651	C	SIOUX FALLS/FOSS FIELD, SD.	USA
35925	C	SAM	USSR	17090	C	SIVAS	TURKEY
17030	CT	SAMSUN	TURKEY	60355	C	SKIKDA	ALGERIA
61277	C	SAN	MALI	13586	C	SKOPJE-PETROVAC	YUGOSLAVIA
80001	CT	SAN ANDRES (ISLA)	COLOMBIA	11903	C	SLIAC	CZECHOSLOVAKIA
72263	C	SAN ANGELO/MATHIS, TX.	USA	02836	CT	SODANKYLA	FINLAND
80447	C	SAN ANTONIO DEL TACHIRA	VENEZUELA	15614	C	SOFIA (OBSERV.)	BULGARIA
87784	C	SAN ANTONIO OESTE AERO	ARGENTINA	65361	C	SOKODE	TOGO
72253	C	SAN ANTONIO/INTL, TX.	USA	63962	C	SONGEA	U REP TANZANIA
84008	C	SAN CRISTOBAL (GALAPAGOS)	ECUADOR	48568	CT	SONGKHLA	THAILAND
72290	C	SAN DIEGO/LINDBERGH, CA.	USA	11146	C	SONNBICK	AUSTRIA
80450	C	SAN FERNANDO DE APURE	VENEZUELA	16746	C	SOUDA	GREECE
72494	C	SAN FRANCISCO/INTL, CA.	USA	72535	C	SOUTH BEND/ST. JOSEPH CO., IN.	USA
84721	C	SAN JUAN	PERU	13334	C	SPLIT/MARJAN	YUGOSLAVIA
87311	C	SAN JUAN AERO	ARGENTINA	72785	CT	SPOKANE/INTL, WA.	USA
86260	C	SAN JUAN BAUTISTA MISIONES	PARAGUAY	72439	C	SPRINGFIELD/CAPITAL, IL.	USA
78526	C	SAN JUAN/INTL, PUERTO RICO	PUERTO RICO US POSS	72440	C	SPRINGFIELD/MUN., MO.	USA
87909	C	SAN JULIAN AERO	ARGENTINA	42027	CT	SRINagar	INDIA
87436	C	SAN LUIS AERO	ARGENTINA	61986	C	ST. BRANDON (ST. RAPHAEL)	MAURITIUS
65594	C	SAN PEDRO	COTE D'IVOIRE	72655	T	ST. CLOUD/WHITNEY, MN.	USA

STATION LIST RECENT DATA

61901	CT	ST. HELENA IS.	U KINGDOM	84534	C	TINGO MARIA	PERU
72434	C	ST. LOUIS/LAMBERT, ST., MO.	USA	03100	C	TIREE	U KINGDOM
70308	C	ST. PAUL, AK.	USA	13462	C	TITOGRAD/GOLUBOVCI	YUGOSLAVIA
11028	C	ST. POELTEN	AUSTRIA	60531	C	TLEMCEN (ZENATA)	ALGERIA
83997	C	ST. VITORIA DO PALMAR	BRAZIL	28275	C	TOBOL'SK	USSR
01415	CT	STAVANGER/SOLA	NORWAY	47662	C	TOKYO	JAPAN
71815	CT	STEPHENVILLE, NFLD.	CANADA	72536	C	TOLEDO/EXPRESS, OH.	USA
80475	C	STO. DOMINGO (B.A.)	VENEZUELA	61223	CT	TOMBOUCTOU	MALI
02464	C	STOCKHOLM/BROMMA	SWEDEN	72456	C	TOPEKA/MUN., KS.	USA
03026	CT	STORNOWAY	U KINGDOM	71624	C	TORONTO INTL AIRPORT, ONT.	CANADA
07190	C	STRASBOURG	FRANCE	07630	C	TOULOUSE/BLAGNAC	FRANCE
10739	CT	STUTTGART/SCHNARRENNBERG	GERMANY, FED REP	94294	CT	TOWNSVILLE AIRPORT	AUSTRALIA
41062	C	SULAYEL	SAUDI ARABIA	16429	C	TRAPANI/BIRGI	ITALY
15360	C	SULINA	ROMANIA	07145	T	TRAPPES	FRANCE
72429	T	SULPHUR GROVE, OH.	USA	86500	C	TREINTA Y TRES	URUGUAY
24738	C	SUNTAR	USSR	87828	C	TRELEW AERO	ARGENTINA
41268	C	SUR	OMAN	87688	C	TRES ARROYOS	ARGENTINA
98653	C	SURIGAO	PHILIPPINES	16110	C	TRIESTE	ITALY
01008	C	SVALBARD LUFTHAVN	NORWAY	43418	C	TRINCOMALEE	SRI LANKA
28440	CT	SVERDLOVSK	USSR	62010	C	TRIPOLI INTL AIRPORT	LIBYAN ARAB JAMAHIRI
94767	C	SYDNEY AIRPORT	AUSTRALIA	43371	CT	TRIVANDRUM	INDIA
71707	C	SYDNEY, N.S.	CANADA	01025	C	TROMSO/LANGNES	NORWAY
23804	CT	SYKTYVKAR	USSR	84501	C	TRUJILLO	PERU
41891	C	SYLHET	BANGLADESH	91334	CT	TRUK, CAROLINE IS.	USA
89532	CT	SYOWA	JAPAN	91954	C	TUBuai	FRENCH POLY.
72519	C	SYRACUSE/HANCOCK, NY.	USA	72274	C	TUCSON/INTL, AZ.	USA
12205	C	SZCZECIN	POLAND	87121	C	TUCUMAN AERO	ARGENTINA
12982	CT	SZEGED	HUNGARY	98233	C	TUGUEGARAO	PHILIPPINES
65380	C	TABLIGBO	TOGO	72356	C	TULSA/INTL, OK.	USA
65592	C	TABOU	COTE D'IVOIRE	80337	C	TUMACO/EL MIRA	COLOMBIA
40706	C	TABRIZ	IRAN, ISLAMIC REP	84370	C	TUMBES	PERU
40375	CT	TABUK	SAUDI ARABIA	80453	C	TUMEREMO	VENEZUELA
98550	C	TACLOBAN	PHILIPPINES	24507	CT	TURA	USSR
84782	C	TACNA	PERU	40356	C	TURAIF	SAUDI ARABIA
98644	C	TAGBILARAN	PHILIPPINES	35358	C	TURGAJ	USSR
83235	C	TAGUATINGA	BRAZIL	02972	C	TURKU	FINLAND
91938	CT	TAHITI-FAAA	FRENCH POLY.	23472	CT	TURUHANSK	USSR
61043	C	TAHOUA	NIGER	48407	T	UBON RATCHATHANI	THAILAND
41036	C	TAIF	SAUDI ARABIA	06447	C	UCCLE	BELGIUM
91943	C	TAKAROA	FRENCH POLY.	16045	C	UDINE/RIVOLTTO	ITALY
84390	C	TALAR	PERU	48354	C	UDON THANI	THAILAND
72214	C	TALLAHASSEE/MUN., FL.	USA	44292	C	ULAN-BATOR	MONGOLIA
26038	C	TALLIN	USSR	44212	C	ULAN-GOM	MONGOLIA
60680	C	TAMANRASSET	ALGERIA	44214	C	ULGI	MONGOLIA
61687	C	TAMBACOUNDA	SENEGAL	44272	C	ULIASTAI	MONGOLIA
38413	C	TAMDY	USSR	76225	C	UNIV. DE CHIHUAHUA, CHIH.	MEXICO
72211	C	TAMPA/INTL, FL.	USA	04209	C	UPERNAVIK AWS	DENMARK
87645	C	TANDIL AERO	ARGENTINA	68424	C	UPINGTON	SOUTH AFRICA
84455	C	TARAPOTO	PERU	47426	C	URAKAWA	JAPAN
91610	CT	TARAWA	N ZEALAND	17270	C	URFA	TURKEY
23552	C	TARKO-SALE	USSR	51463	CT	URUMQI	CHINA
38457	CT	TASKENT	USSR	30635	C	UST'-BARGUZIN	USSR
47646	T	TATENO	JAPAN	25325	C	UST'-OLOJ	USSR
96481	CT	TAWAU	MALAYSIA	02911	C	VAASA	FINLAND
37549	CT	TBILISI	USSR	85766	C	VALDIVIA	CHILE
78720	C	TEGUCIGALPA	HONDURAS	03953	CT	VALENTIA OBSERVATORY	IRELAND
40754	C	TEHRAN-MEHRABAD	IRAN, ISLAMIC REP	80426	C	VALERA	VENEZUELA
78706	C	TELA	HONDURAS	08141	C	VALLADOLID	SPAIN
56739	C	TENGCHONG	CHINA	03302	C	VALLEY	U KINGDOM
94238	C	TENNANT CREEK AIRPORT	AUSTRALIA	71892	C	VANCOUVER INTL AIRPORT, B.C.	CANADA
83492	C	TEOFILIO OTONI	BRAZIL	01098	C	VARDO	NORWAY
82578	C	TEREZINA	BRAZIL	15552	C	VARNA	BULGARIA
61202	C	TESSALIT	MALI	26477	C	VELIKIE LUKI	USSR
67261	C	TETE	MOZAMBIQUE	83264	C	VERA (GLEBA CELESTE)	BRAZIL
71867	C	THE PAS, MAN.	CANADA	42909	C	VERAVAL	INDIA
16622	C	THESSALONIKI/MIKRA	GREECE	24266	CT	VERHOJANSK	USSR
06011	C	THORSHAVN	DENMARK & FAROE IS.	16090	C	VERONA/VILLAFRANCA	ITALY
41314	C	THUMRAIT	OMAN	48112	C	VICTORIA POINT	BURMA
94175	C	THURSDAY ISLAND	AUSTRALIA	72255	C	VICTORIA/VICTORIA REG., TX.	USA
60511	C	TIARET	ALGERIA	87791	C	VIEDMA AERO	ARGENTINA
61450	C	TIDJIKJA	MAURITANIA	48940	C	VIENTIANE	LAO PDR
61036	C	TILLABERY	NIGER	83208	C	VILHEA	BRAZIL
81002	C	TIMEHRI	GUYANA	24641	C	VILJUJSK	USSR
60607	C	TIMIMOUN	ALGERIA	60096	C	VILLA CISNEROS	WESTERN SAHARA
15247	C	TIMISOARA	ROMANIA	11212	C	VILLACHERALPE	AUSTRIA
60656	C	TINDOUF	ALGERIA	86233	C	VILLARRICA	PARAGUAY

STATION LIST RECENT DATA

80234	C	VILLAVICENCIO/VANGUARDIA	COLOMBIA
48845	C	VINH	VIET NAM
02590	C	VISBY FLYGPLATS	SWEDEN
43149	C	VISHAKHAPATNAM	INDIA
83648	C	VITORIA	BRAZIL
31960	CT	VLADIVOSTOK	USSR
27037	CT	VOLOGDA	USSR
34122	C	VORONEZ	USSR
22837	C	VYTEGRA	USSR
72256	C	WACO, MADISON-COOPER, TX.	USA
62751	C	WAD MEDANI	SUDAN
03377	C	WADDINGTON	U KINGDOM
62600	C	WADI HALFA	SUDAN
94910	CT	WAGGA AIRPORT	AUSTRALIA
47600	CT	WAJIMA	JAPAN
91245	C	WAKE ISLAND AIRFIELD, WAKE I	USA
47401	CT	WAKKANAI	JAPAN
09170	C	WARNEMUENDE	GERMAN DEM REP
12375	C	WARSZAWA-OKECIE	POLAND
72405	C	WASHINGTON/NAT., VA.	USA
72403	T	WASHINGTON/STERLING, VA.	USA
72203	C	WEST PALM BEACH/INTL, FL.	USA
71964	C	WHITEHORSE, Y.T.	CANADA
72450	C	WICHITA, KS.	USA
61902	T	WIDE AWAKE FIELD (ASCEN.IS)	USA
11035	CT	WIEN/HOHE WARTE	AUSTRIA
72513	C	WILKES-BARRE-SCRANTON, PA.	USA
94776	CT	WILLIAMTOWN AERODROME	AUSTRALIA
94299	CT	WILLIS ISLAND	AUSTRALIA
72767	C	WILLISTON/SLOULIN FIELD, ND.	USA
72583	C	WINNEMUCCA/MUN., NV.	USA
71852	C	WINNIPEG INTL AIRPORT, MAN.	CANADA
12497	C	WLODAWA	POLAND
47055	C	WONSAN	DPR KOREA
94659	CT	WOOMERA AERODROME	AUSTRALIA
12425	T	WROCLAW I	POLAND
12424	C	WROCLAW II	POLAND
57036	C	XI'AN	CHINA
56571	C	XICHANG	CHINA
72781	C	YAKIMA/YAKIMA AIR TERM., WA.	USA
70361	CT	YAKUTAT, AK.	USA
65563	C	YAMOUSSOUKRO	COTE D'IVOIRE
54292	C	YANJI	CHINA
91413	C	YAP, CAROLINE IS.	USA
40439	C	YENBO	SAUDI ARABIA
57461	C	YICHANG	CHINA
53614	C	YINCHUAN	CHINA
51431	C	YINING	CHINA
47744	CT	YONAGO	JAPAN
72525	C	YOUNGSTOWN, OH.	USA
84425	C	YURIMAGUAS	PERU
76525	C	ZACATECAS,ZAC.(LA BUFA,ZAC)	MEXICO
13129	C	ZAGREB/GRIC	YUGOSLAVIA
13130	T	ZAGREB/MAKSIMIR	YUGOSLAVIA
98836	C	ZAMBOANGA	PHILIPPINES
81225	C	ZANDERIJ	SURINAME
08160	C	ZARAGOZA/AEROPUERTO	SPAIN
57083	C	ZHENGZHOU	CHINA
57745	C	ZHIJIANG	CHINA
41620	C	ZHOB	PAKISTAN
61695	C	ZIGUINCHOR	SENEGAL
61090	C	ZINDER	NIGER
61404	C	ZOUERATE	MAURITANIA
10961	C	ZUGSPITZE	GERMANY, FED REP
06660	C	ZURICH (TOWN/VILLE).	SWITZ. LIECH.
25400	C	ZYRJANKA	USSR

About Denver

Denver is centrally located in the continental United States with direct flights between 109 cities. Stapleton Airport is the fifth busiest airport in the country with more than 1,100 flights daily. It's only a fifteen minute ride from the airport to the hotel.

In June, the sun shines about 70 percent of the time, and the average temperature is between 53 and 81 degrees F. Denver offers many local activities, and it is a gateway to numerous attractions in the Rocky Mountain region.

Exhibit Space

Exhibit space will be made available for a fee to individuals or organizations who wish to display a product or service to attendees. Further information can be obtained from Dan Accurti, Exhibits Chair.

Deadlines

November 16, 1990 Abstracts Due

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 Urban Drainage and Flood Control District

 University of Colorado at Colorado Springs

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Conference Director - Bill Stanton
Colorado Water Conservation Board
721 Centennial Building
1313 Sherman Street
Denver, CO 80203
(303) 866-3441

Program Chair - Eve Gruntfest
Department of Geography
University of Colorado at Colorado Springs
P.O. Box 7150
Colorado Springs, CO 80933
(719) 593-3513

Exhibits Chair - Dan Accurti
Pennsylvania Department of Community Affairs
551 Forum Building
Harrisburg, PA 17120
(717) 787-5177

COVER: The cover maps are long term means analyzed on a miller cylindrical projection of the world. They were prepared by U. S. National Climatic Data Center personnel from a variety of sources, including data from Monthly Climatic Data for the World and ship reports exchanged under WMO Res. 35 (Cg-IV). Since it was not possible to select all data for the same years of record, maps do not represent a "Standard Normal" period, but are generally representative of conditions during 1950's to mid-1970's. However, some ship data as early as the 1850's and land data from the 1890's to 1950's were used to help fill data gaps. The appropriate month's analysis will be shown in each issue. Since the scale is small, these maps can be used only for generalizations over large areas. If detailed statistics are needed, summaries of finer resolution should be used.

*National Climatic Data Center
January 1990*

DEPARTMENT OF COMMERCE
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